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Vedif: Variants Seriris ..... Volume II, 1932
VEDIC VARIANTS

BY

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## VEDIC VARIANTS

# A Study of the Variunt Readings in the Repeated Mantras of the Veda 

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## MAIRICE BLOOMFIELD




AND

## FRANKLIN FDGEKTON

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## Volume II PHONETICS


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## PREFACE

This gecond volume of the Vedic Variants deals pnmarily with Phonetice, included alao are graphic vanations, false divisions between words, and nme words It is the largeat volume of the aenes, and probably the moot interesting and important

The general plan and objecta of the Vedic Variants have been deacribed in the Preface to Volume I, The Verb (Philadelphia, 1930), which also stated the apprommate extent to which each of the cosuthors participated in the work The greater part of the first volume way Blonmfield's In this volume my own ghare 18 larger Neverthelese the firat nine chapters owe much to Bloomfield, who prepared a draft of their text on the basis of preliminary atudies made by me I have preserved as much as possible of Bloomfield's language in these chapters those who know his inumitable atyle will find traces of it at many points in them To my regret, he never continued this work beyond the minth chapter In the remander his participation was nearly or quite lonuted to the gathering of preluminary last of matenals This will be truc, also, of all the remaining volumes of the senes, to which he contributed only an ocessional marginal note, aside from the prelnumary hats

Cordial thanka are again duc to the Linguistic Societt of America and to the American Council of Lamened Societieg devoted to Humaniatic Stcoies, which by their continued generoaity bave aiade possable the publication of the second volume of the series

Dr Murray B Emencau, Sterling Fellow and Research Associate in Yale Univereity, has read the proofs of this volume and made a number of useful suggeations It gives me great pleasure to announce that Dr Emienean is collaborating much more extensively in the preparation of Volume III, on Noun Inflection With has able and vigorous cooperation it is now (in April, 1932) nearly completed, and we hope to 1saue it soon Dr Emenean's name will appear, inost desprvedly, on ils menery and tutp-page af co-iathor

Frantlin Fídgerton

## ABBREVIATIONS AND SYMBOLS

These are the ame as those used in Volume I, Fith the addition of VV = Vedic Variants (VV I = the firat volume, on The Verb) Moat of them, it is beheved, arp aelfexplanatory Vedic texts are referred to by the abbrevations used in the Vedic Concordance RVRep = Bloomfield's Ragtedr Repetzt:ons
The astensk * is used to indicate a vanant reading in one text when the mantra occurs in the same text with the reading for which this variant is a subatitute, that is, it calls attention to the occurrence of both forms of the variation in the same text
The dagger $\dagger$ is used to call attention to a quotation which needs to be corrected in the Concordance

## CHAPTER I INTRODUCTORY

## PRINCIPLEB OF PROCEDDRE

81. An examination of our matenala showe that many, perhape most, of the cases here treated under the general head of 'phonetic varistiona' are accompanied by, or result in, a lencal or morphological change at the same time Thus, begining with RV, the two words vacam and vdjam interchange in
pravacamn (9 35 4a vājam) ındur isyalı RV 912 6a, 354 a , 'Soma sends forth speech (8ubstance)' Obviously, there 1 h here a change, involving a angle sound, from one very familiar Vedic word to another equally familiar, the two havng no etymolugical connexion whatsoever Tho there is good reasn to believe the reading ufcain is the primary one (cf RVRep 410), the alteration makes good sense and is intentional Yet when we find this same interchange occurnng independently in a conaiderable number of cases, we cannot doubt that rime and phonetic confusion-both phenomena of sound rather than sense-hold ahares in the transaction, or, more precisely, constitute the prune motive in the ghlft
§3 More purely phonetic, yet not devoid of lexucal aignificance, 18 the following vanation, which also involves interchange of $c$ and $\}$
prāñco agāma (T’A prā̃̄̆o 'gūmā) nrtaye hasáya RV AV TA.
'We have gone forward (swiftly) to dancing and mirth' For anme reason prinicu, surely intelligible and fit, has auggested to the Taittiriyakn the more sophasticated, or tenser, reading pra + anjon 'forward swiftly' (añjas, RV) The commentator's pränjuh = prañcah is negligible, T'A must have been famular with aingay in tbe sense of 'swiftly'
§3 We find, however, a great many phonetic changes which carry a certain word or expreseion to the danger-line of unwtelligiblity, without necessarily reaching the point of senseless comuption In these cases the secondary reading appears insppropnate to its context, or at least, its motive escapes our apprectation And yet it would be dangerous to deny the resulting lexacal change as a real fact of the tradition of a given achool The atudy of Vedic tradition must not be content with reconstructing or defining the nnginal body of mantras, by detecting and recording secondary fancles, adsptations, and corruptions These
secondary reudings have their own nght to exist, they are, as a rule, the genune readings of ther reapective schools It is our duty to sketch the development of the mantras in all the Vedic schools, assigning, where posable, causes for the changes, but rejecting no unexplaned or apparently unmotivated change, however it may seem to confict, with what seems to us good mantra sense Thus
ud uornyäh s力ate (TB sacale) suryah saca RV SV TB ,
'The sun sendd forth (accompanies, attends) his ruddy rays all together' (The TB comm seems to come around tortuoualy to the aense of the other schools utzacrla udgatatvena sambaddhan karolz prasärayatity arthah) The TB reading is inappropnate, but nether the theory of a quasi-Prakntic aubatitution of $a$ for $r$, nor that of interchange betreen surd and sonant (elsewhere a real phonetic change), alters the fact that. the TB underatood the word ay a form of sac, and had lost sught of the root 87 , whatever meaning it attached to sar Note, in pasaing, that the TB reading resulta in a kind of alliteration, sacate sura Thus the phonetic conaderations involved are complicated by the (at least possible) regresaively assumilatory influeuce of the word sacá on the original stjate Yet in its final outcome the change is lexical, tho unqueationably related to (and perhapa started hy) faulty hearing of sounds Cf Winteraitz in bis edition of ApMB, Introduction, xv ff, and xux
$\$ 4$ Clearly, then, such variants are of intcreat and importance for Vedic phonology Concretely apeaking If we are collecting examples of the quasi-Prakritic shift of $\tau$ to $a$, we shall, of course, begin with such a vanant as this
ava sma durharanyatah (SV durhmn) RV SV
Here the RV has an obvious Prakritiam which the SV 'corrects'by substituting the Sanakritic durhrn ${ }^{\circ}$ This does not, mean that the SV knows niore Sanskrit than the RV, the RV itaelf knows the steru diurhri-(1 84 16, 759 8) It 1s, however, a purely phonetic variation On the other hand, th the vanant
etām samkryyu (MS MS ${ }^{\circ} k a s y a$ or ${ }^{\circ} k u y y a$ ) juhurthı MS ApS MS, who can decide defintely whether the $\alpha$ or $u$ for $r$ is purely phonetic (Pralintic), or lexical" Bohtlingk in fact assunies an improbable samkurya from the root kus Be this as it may, if we can discern to the Veda augns of a Prakntic change of $r$ to $a$, then the suhstitution of sacate for sjoate, lencally duferent tho the two words be, bears in some faghion and in some degree upon the matter of Vedic Praknitiam But it in iniposable to draw a hard and fast line between purely phonetic and
lexical shufte Our detailed consideration of the vamanta tres to do thas as far as posable, holding itself very free froin unposing upon the matenals personal theones and predilections
§6 Our procedure has been to select all sound meterchangea which could possibly have phonetic interest, and then to gather all vananta which ahow these sound interchanges, irrespective of the contributory influence of lexical and other momenta At the same time we have borne in mind the greater interest and value which, for the purposes of thes study, nuat attach to those variants which are purely phoneticwhich show different phonetic formus of what muat be regarded as lexically the same word By this procedure we are enabled to present here a new mase and a new class of materiala for the study of Vedic phouetics, which are hkely to become a permanent factor in future Vedic grammar

## SOMMARY OF CONTENTS

$\$ 6$ We begin with interchanges between voiced and voiceleas consonants, quitc numerous and uften suggeative of Prakntic phonetics Next, interchanges betwen aspirates and non-Rspirates, few and mostly lexical in character Then variations between aspirate atope and $h$, mostly concerning $h$ and bh, and in fact mostly interchanges between grabh and grah
$\$ 7$ Next, interchanges in the articulation-serips, numeroin and extremely intercsing The hittle section concerning palatals is important out of all proportion to its enze (notably the quast-Prakntic vanations between $k s, t s, p s$, and $c h$ ) The numeruus variatious of labial stope with $m$ and $v$ are partly graphic ( $b$ and $t, p$ and $v$ ), partly morphological (suffixes cuntaining $m$ and $v$ ), partly lexical, but to a large extent purely phonetic (eapecially in the variation between $b$ and $v$, a very famuar phenonienon)
§8. The variations between semi-vowels and liquids differ widely from one another in character Those between $y$ and $r, l, h$ are not many nor very algnificant. Those between $y$ and $n$ are more numerous and to some extent quite cunous, pointing to phonetic relations between these two sounds hitherto nut sufficiently emphasized The tendency of the Tauttiriya school to prefer $v$ to $y$ is paralleled by its preference in some cases of the vowel $u$ to the vowel 2 The only other umportant subdivisions of this section are the vanants between $r$ and $l$ (numerous, and almost purely phonetic), and those between $d$ and $l$, or $d h$ and $l h$ (bumerous, but mandy a matter of cut-and-dned achool usage)
$\$ 9$ With the abilanta we find a very large number of varants between
\& and 8 , a much amaller number between $\delta$ and $\delta$, and a very amall number between sand :The firgt two groupe contan a considerable number of purely phonetic vanants Between $s$ and $h$ occur only lexical vanants and corruptiona, not numerous, but not lacking in intereat

810 Next, a section on insertion or ombssion of consonants first of nasala and anusudra, cases which show a marked tendency to harmonize whth a ahuft in quantity of the preceding vowel Then of $y$, very numerous but mostly morphological (eg Fords identical in meaning but contanning or lacking auffixal $y$ ) But there are groupa of phonetic intereat, such as that concerning $y$ between vowels as sandhi-consonant or 'huatus-tulger', and $y$ after palatala, nr after two consonants Presence or absence of $r$ does not diaplay much interest, but that of $u$ includes some casea of $v$ intial before vuwels, partly as 'hiatus-tilger' after a vowel Cases of presence or abacace of $h$ and ; mostly concern initials before stope, and initial $h$ before vowels (a sort of palosis), those of vesarga point to the light pronunciation of that sound as word-final
$\$ 11$ The consonantal vananta are concluded with sections on angle and double consinanta, on assimilation of consunants (with auggeations of Prakntism), and on amplification of consonant groupe

512 The treatment of the vowels begins with the variations in quantity of ample vuwels Most important and uumerous are those between $a$ and $\delta$, expecially the rhythmic lengthening of final $a$ Much light is thrown on the meaming of this phenomenon, our conclusions can hardly be atated in a few words and can beat be deduced from the aection itaelf The vananta between $i$ and $i$ and between $u$ and $u$ are in general parallel to those between $a$ and $\bar{a}$, but much less numerous The numernus shifte in quality bet ween $a$, 2 , and $u$ vowela are mostly morpholngical or lexacal in character On the other hand those between vocalic hquids and $a, z$, or $u$ vowela are largely Prakntic, and of great interest, moat numerous are those between $r$ and $a$ The vanations between diphthongs and aumple vowels, and between long and ahort diphthonge, while mainly morphological (varying gradea of ablaut, and presence or absence of the vniddhi of secondary denvation), harbor also anrae phonetic or dialectic differencea
§13. The vanationa between $r$ and $a r$ or $\overline{a r}$, more rarely $r$ and $2 r(\bar{z} r)$ or $u r(\bar{u} r)$, manaly concern ablaut, and involve also dalectic and lexical shifts The phenomena of 'samprasärana' show that the ranations of va(vä) with $u$ vowels, of $y a(y \bar{a})$ with 1 vowels, and of ra(rd) with $r$ are mamly morphological or lexical, on the other band variations of $n(r i)$
and rus $(\boldsymbol{\pi})$ with $r$ show Prakntic tendencies. Prakntian 18 of course, concerned in the little group of vanants between aya and $e$, and ava and o
§14 Next comes a section on insertion or expulaion of vowels Most cornmonly the vowel (geneially i) is pecondanly inserted, contrary to the meter, either before or after a liquid (anaptyxia), the insertion is eapecially commun after $r$ and befure a aibulant or $h$ Ouly superficially do these cuses resemble the next and last vocalic aection, which conceras the writing of $i y$ and $u v$ for $y$ and $v$, which as slown to be largely an attempt to represent in writing the vocalic proninciation of $y$ and $v$ (as z and 14 )
§15 Leaving now the behavior of individual soumds, there is a conaiderable variety of phenomena which concern groupe of sounds We take up first metathesis of consonanta (tranaposition of a angle consonant whthout change of other sounds, interchange in posation of two consonants, adjuinug or not adjoining), then metathesis of vowel and adjuining semivowel This 1 a followed by an intereating group of vanants concerning haplology and dittology
$\$ 16$ Next, a large nection dealing with differences in the division of words, which may perhaps hardly be called atnctly phonetic, but which are interesting and unportant because they abow, more than possibly may uther kund of interchange, the extent of the breakdown dunng Vedic tradicion of both sense and sound values The point is remforced by a miscellaneous collection of 'patch-worda', teaching the same general lessun
§17 A class of nme-worde also throws light on the methods of text. tradition On the slender basis of a vaguer kind of aszonance, rather than of real phonetic interchange, words which are easily subject to association are substituted ode for another Therp is do rubric in which the detaily of causation can be watched and accounted for more profitably
§18 Finally, a considerable number of variadts may be based on graphic ammantiea Doubtless a careful study of Indian paleography would auggest much more than we are able to state in this section Our selections are of the more ubvious and sinuple kind, they seem, however, to suggest the great age to which graphic corruptions in Vedic tradition may go back

819 The vanants exclusively roncerned mith external sandhi in a narrow sense constitute the last chapter of this volume, a large and mportant one A summary of its contents will be found in ins iutrnductory bection

## Prakritic influencey

$\$ 20$ We have at this point reframed from preliminary illustrations in the set rubnce which have eatablished themaelvea under our hands There 19, however, one kind of interchange which runs as a red thread thru Vedic tradition, and which 18 so umportant that it ahould receive apecial treatment and empliasis We refer to ahifte which auggeat possible dalectic influence from popular speech, by their resemblance to the phonetica of the later Middle-Indic dialects (Cf especially Wackernagel I, p XVIII, with references there quoted, and for a bnef prelıminary nuthne of our materiala, Edgerton in Studzes in Honor of Hermann Collitz 25 ff) The large mass of vananta of this kind, clearly pointing to extenaive influence of Middle-Indic phonetica in the earhest penody of the language, seems tu us one of the moat important results of thas volume of the Vedic Vablants The pnociple, to be aure, 18 not new But it has never before been illuatrated so extensively, and the apecial character of the illustrationa, namely the occurrence of double forms of the variants, with and without Prakritic phonetics, makes them especially valuable and intereating Moreover, some of the rubrica here included are, we believe, now presented for the first time in Vedic phonology We find, all in all, the most definite proof of phonetic changea not only in the direction of Praknusm, but also (no leas intereating) in the reverse direction, 'hyper-Sanskritism,' which latter indicates a rather definite consciousness, on the part of the handlers of the texta, of the antithess between the phonetica of the bigh speech and of the popular dialects
$\$ 21$ Taking up such variations in the order of their occurrence in our book, we find at the very outset a large number of variations betwcen surds and sonants, some of which seem to defy lexical explanation, and to be capable of interpretation only as quasi-Prakritic phonetic variants (See Chapter II, eapecially §\{47-9, 53, 59, 66, 69) Thus pıkah (KSA prgah) karnn̄kä nilałirpni te 'ryamze (KSA 'ryamtahi) TS

KSA No form but pika 18 known outarde of this KSA passage catră etugvá (TB edagvá) anumädyäsah RV MS TB A pure Prakritıem in TB, the conm doea not explann the form Cf the next, in which MS seems to have a hyper-Sanakntism, the reverse of this dzsdm devy (MS tevy) avatu no ghtldci TS MS All mas and ppof MS agree on tery, if it means anything at all, it would seem to be a laletic (nurgery) word for 'mother' But it 18 doubtless merely a phonetic hyper-Sanakritism Cf miltik (for madrk) TA 151 , and 866
khajipo jopakakınith Ap.MB bajत̄bojopakāh̀ni HG Uncertann, because the words concerned are barbarous and obscure
822 The vanations between surd and sonant aspiratea are both much fewer, and less certain in their relation to Prakntiam, we may however quote two cases (uee 3\$70, 76-7)
mil nah kascıl prakhán (ApS praghan) KS ApS
rväyām tanū (ApMB † MG †tanūn) tinye ( $\mathrm{RV} \dagger$ tivye) wadhamāndm (ApMB ruitha ${ }^{\circ}$, MG bädha ${ }^{\circ}$ ) RV ApMB MG
$\$ 23$ Under aspirates and $h$ occur a few forms which mught be connected with the later Prakritic tendency to subatitute $h$ for aspirate mutes Dialectic in a broad senae this change certanly is, but see Wackernagel I p 252f, who holds that $h$ regularly replaced $d h$ and $b h$ in the RV dialect. after (or mitially before) an unaccented vowel Cf Ascoh, KZ 17 25Rff
asamheyain [pertıaps for asankhyeyam"] parobbhama JB asambhavyam parāº AV See $\$ 121$
 TS KSA So the single ms of KSA, $v$ Schroeder emends to virdhri ${ }^{\circ}$, the form with $h$ for $d h$ ts otherwise unknown, but we thould unchne to treep the ma reading See $\$ 122$
kakıbham (VSK TS ApS kakuham) rūpam vт̧abhasya (KS rūpam tyá) rocatic V'S VSK TS MS KS SB ApS MS The adjective hakkhí (with regular $h$ according to Wackernagel's law) occure in RV, where hakubha is not known See $\$ 120$
§24 Under Palatala and Dentals (58154-61, see especially 156, 150) arr found some variations between $d$ and $j$ before $y$, with obvious Prakntic hcanngs, the sccund example we are about, to quote shows an intereating hyper-Sanskntismi in HG sahasriyo dyotatam (TS TB dipyatàm, MS "riyo jyotaldm) VS TS MS KS SB TB
ava jyäm zad dhanvanah AV Vat ApMB ata dyam wa dhanennah HG
\$26. On Linguals and Dentals aee our discussion telow, 8163 aratarya (SV auatasya) vesarjane RV SV We beheve (for reasons aet forth $\$ 184$ ) that acala, 'well', 18 a pure Prakritism, and tbat, on the evidence of the vanants, Prakitic influence in this section of Vedic phonetics has not been sufficicntly reangmized heretofore
526 The miscellaneous group of interchanges concerning palatals (Chapter V) contains a numher of Prakntic phenomena (cf Wackernagel I 5135) Thus there are the fambar but very intercating cases of
 enter in, but note the following
achalabhith (KSA achar $\tilde{d}^{\circ}$, MS alsar $\tilde{C}^{\circ}$ in $p \mathrm{p}$, in ap matsara $\tilde{\sigma}^{\circ}$, VS rkaala ${ }^{\circ}$ ) kapñ̄alan VS TS MS KSA The same word appears as fchard in AV 10923 Either MS. or VS (or both?) must have byper-Sanskritic back-formations
827. The following may be quoted as a probable example of dialectic khy for $k s$ ( $8 \$ 190 \cdot 1$ ) Tho the Tat form is noue too clear, it seems that the $S S$ has a corruptinn of it ıdhmasyeva prakßayotah ( $\mathbf{S S}$ prahhyãa) TB TA SS ApS

828 There are a number of cases of mutual interchange between $j$ and $y$ ( $\$ \S 192-3$ ), mostly more or less justifiable lexically Cf Wackernagel I 58188 b 140b In the following exanple we have a proper name, and may infer that one or the other form 18 a dialectic corruption of its nval
saujamem (SG sauyãmım, with both oc tarpayāmi) AG SG - Cf AV 19342 a , japrtsyas tripañosith (mes, wrongly emended in edition), for which read yäh (or yàs ca) krlyas, or yā gftsyas, see Whitncy's note to Tranal, and our $\$ 192$
$\delta 29$ The interchange between $v$ and $m$ may he Prakntic, cf W'ackernagel I p 197, it 18 farly frequent (ace particularly §§223-5) That between $b$ and $v$ ( $8 \$ 206-19$ ) 18 certainly dialectic in a wide sense, whether properly Prakntic or not, ef Wackernagel I p $183 f$
$u c$ chvañcavva (TA chmañcasva) prthivz mā mi badhathoh (TA vi bādhethah) RV AV TA
yatra bañah ( $\backslash \mathbf{S}$ vänoh ) mampatantı RV SV VS TS AG Both $b$ undv are found in the RV in this word, it is not known whinch is onginal
§30 The thoro confusion of the aibilants in the Middle Iudic dialects makes it plausible to suppose that the extenaive confunion of them even in the Vedic texta is of hike nature (cf Wackernagel Ip 225f) A few examples out of many may be quoted here, for $\dot{s}$ and $s$ yec espectally §5274-9
it srutayo (AS vistutayo, SS insrua') yutha pathah SV AS Sis And other cases of bru for sru (so that BR even postulate a 'root' sru, 'flow') Here $s$ is onginal and $s$ secondary The contrary is the case in the next
sukeвu ne. (AV sukeßute) harimanam RV AV TB Aps
§31 Much less numerona are the vananiona between s and s, yet they are not rare, and are to some extent at least purely phonptic (see 8§288-90)
nainad detē apnutan pūrvam arsat (V'S arisat) VS VSK IsīU The proper form is urjat, VS comn'. fsa gatau

632 There are very few variations between 8 and ( 8294 ) ye vтんведи (KS vanefu) ваяpifjardh (TS sarpi") VS TS MS K8

Thought of the word sasya doubtless mfluenced TS, and ef sappa for the other form (a kind of haplology in each case), see $\$ 278$
833. The later confusion between $k h$ and (perhape scarcely to be called 'Prakritic' in a atnct sense, of Wackernagal I p 136) finda surprisingly little representation here, in fact we have noted only one case, and that an uninterpretable word ( $\$ 295$ )
kasotkdya ruäh ${ }^{\text {TA }}$ TAA khakholkdya zuahd MabēnU
§S There are however a couple of interesting caseb of variation

838. Under presence or absence of nasals and anusuīra occur some vanatione which remind us of Pala-Praknt siha for sinha and the like, altho usually lexical conaderatione enter in (cf $\$ 300$ )
pūgne 'n̄ghrnaye sucihā TA pūsna dohrnaye (em, mas āprnaye) suähd MS äghria 18 regular
§36 Under presence or absence of $\boldsymbol{y}$ we find some intereating cases which remind us of the wide-spread use of an unetywological $y$ between two vowels as a 'hatuy-tulger' ( $\$ 9.3 .38-44$ ) To be sure, the forms are all grammatically or lexically diverse, but a mimilar phonetic tendency is surely present It may be added that there are tracea of a sumbar use of $\nu$, altho again the variant forms are lexically justifiable ( $\$\{358$ ff) vasśvàvaram fta a (T'S rtiya) jŭlam agnem RV SV VS TS MS KS PB SB The secoudary and uot very iutelligent reading of TS shows a tendency to avold histus by use of the ghde-sound $y$
\$37 In Palı and Praknt we find rather frec interchange between long or nesalised vowel plus single consonant and shart vowel plus double conannant, without much regard for etymology The conditions are best stated by Geiger, Pūlı §85, 6 Traces of a sumlar tendency $m a y$ be detected among the variants ( $\delta 8393-8$ ), tho again complicated by other considerations
agne samràd ise rāye (ApS rayyar) AS ApS zse rāye VS MS SB TB (See §396) Whule the two parallel items rat and rayı are of course concerned here, the result regemblea the Middle Indic phonetic change referred to
§38 There are also ( $\$ \mathbf{5 0 6 - 1 6 )}$ ) traces of the Prakritic assumulation of two adjoining consonants, this is especially marked when one of the consonante is a semi-vowel or lqquid, or (as in the followng inatance) the two are semi-vowel and hquid abhinne khilye (TB khille) nidadhät devayum RV AV TB This is a
purely phonetic, Praknuc vanant, TB can mean nothing Lut an pquivalent of khllye (comm khslībhüte)
839. Of the vocalic sections, the first to clam attention here is that on the interchange of vocahc liquids and other vowela ( $56620-45$ ) The Praknicic nature of this change is obvous These vananta are quite numerous, and, eapecially between $r$ and $a$, contan not a few genume phouetic vanatious
ava sma durhavidyatah ( $S V$ durhmº ) RV SV The SV reatores Sanekntic vocalam, as aganat the Prakntic form of RV tejo yabasur sthavram samuddham (SG samrddham) SG PG ApMB HG Here SG alone has the 'correct' Sanaknt form, and even it hasav 1 namiddham (pehapa felt as 'inflamed', with lejas") puramduro gotrabhad (MS ©bhrd, TB mughuvän) vagrubahuh VS MS KS TB A hyper-Sanakritiem in MS, вее $\AA_{\text {8 }}^{636}$
twastrmantas (MS MS tuastri, Aps tvastu${ }^{\circ}$ ) tvá sapeme VS MS KS SB KS ApS MS
 panah) MS KS ApS

640. Varivus Prakrit dalecta shuw occasional furnies with mor ru for Sanaknt $r$, and the modern veraacular pronuncuation of Sansant $r$ as $r$ or (eg Marathi) $r u$ should be remembered in this connexion Among the vananta $r u$ for $r$ showa a tendency to be associated with labial consonants Besidea tuastmantas (etustrio) etc, §39, we may quote from | § $666-84$ |
| :---: |

tryucyavaso (MS trrsu') juhvo nagneh RV MS The adverb trsu 18 the only possable form here, the vanant of MS is purely phonetic bhrmım (TB bhrumım) dhamanto apa yí avrnata HV TB The mas of TB seem to be unamumoue on bhrumam, an otherwise unknown form
prusva abrubhth VS MS astubhzh prusvaim (TS pri') TS KSA The furm privi occure a number of tmes in Tait texte, it may be called a hyper-Sanakritiam for prupvá
\$41. Coming apxt to the diphthongs, variatione between long and short diphthongs ( $\$ 8703-12,728-32$ ) naturally remind us of the fact that all long diphthonge are shortened in Middle Indic Among the cleareat phonetic vamanta are
avdraya kevartam VS parydya kazvartam TB The usual form $18 \mathrm{~kat}^{\circ}{ }^{\circ}$ sukurirá muaupaba VS TS KS SB sukaīrã svopaba MS Several mse of MS and its $p \mathrm{p}$ read suatpakia
642 The fambar Prakntic reduction of aya to $e$ and ava to $o$ is paralleled by our \$8744-9, eg
namah kenślidya ca ksayandya (MS kgeniya) ca VS TS MS KS ksena 18 otherwise unknown to-to (MS KS MS tava-tava, TS ApS tote) rayah VS TS MS KS SB ApS MS
843 The insertion of an epenthetic vowel, generally $i$, between two consonants, ueually a liquid and a aibilant or $h$, is lekewise related to Praknt phonetics (8\$751-65)
lan nah paryad (MS parisad) ati dnsah TS MS Cf Wackernagel I p 57

## CHAPTER II SURD AND SONANT MUTES

544 Theare are treated in the following order $k$ and $g, c$ and $j, f$ and $d, t$ and $d, p$ and $b, k h$ and $q h$, th and $d h \quad$ (For $g$ and $k h$ see f82, $t$ and dh, 897f, $p$ and $b h$, 68112-14) In general the purely phonetic varianta are duch rarer than those which involve lexical change They concern, too, for the most, part. rare worda, ao that it is often uncertan whether the voiced or voiceless sound is more onginal, unless the theory of Prakntic influcnce is sufficient to eatabliah greater probability for the voiceless It does acem to be true that, especially under purely phonetic vamations of $k$ and $\theta$, there is a preponderance of the cases in which $k$ appears to be onginal

## $k$ and $g$

845 We shall begin with the forms which clearly involve real lexical changea along with the phonetic changes, and firat of all with cases where both readings make good aense In these the question of pnonty is often pecularly delicate, both varants may be azaumed to represent the conscious intentiona of their achuols
athāham anukūmıī ( $\mathrm{MS}{ }^{\circ} \mathrm{g} \overline{\mathrm{a} m} \mathrm{~m} n \overline{\text { in }}$ ) TS Aps MS How néar these expressione are to one another may be aren from AV 134 5cd, yuthä nuàm kamıny aso yathá mari müpaga nsah Yet MS (all mas) is no doubt secondary
grnutā nah enstaye AV krrutam nah susimn (MS KS \%/am) VS TS MS KS 'Sing fur us unto well-being', 'make well being for us' The meter of AV 18 easier, but the äpri hymn wherc it occure is in a state of corruption so great (cf Bloomfield, Atharaverda 54, Keath, HOS 18 clon) as to throw doubt upon its veraion of this pīda, easier tho it be The word arratä is preceded hy grnatia (other forms of $a r r^{c}$ in the other Sarnhitus), this suggesta that grnatai 19 a secondary corruption, due not. wholly and perbapa not pnomarily to the tendency here conardered
mıtrāvarunā saradíhnäm (MS ${ }^{\circ} h n a ̄$ ) rıhıtnū (MS cıkılfam, KS jıgatnū, AŚ cakituam) TS MS KS AS cikatrū of T'S (presumably 'intellıgeat', tho not quoted in the lexicona) and jigatnu of KS ('swift') are bnth reasonable Sue RV 765 1, where jugatnu 18 precisely an epithet of Mitra and Varuna (wrongly Oldenberg, Noter 2 50)
namah krchirebhyah krchrapatibhyaf ca vo namah MS KS namo ortsebhyo ortsajatibhyas VS TS See $\$ 185$
tato na verkitsatı (VSK I廹U vijugupsate) VS VSK ÍsāU na tato urjugupsate KU na tadū ucrketsalt SB BrhU 'Then he no more doubta', or, 'then (therefrom) he does not shnnk away' Two familar verb-forms, both appropnate The Kānva recension of BrbU has jugupaate Cf AV 132 15b
dhapsyam vd samcokara janebhyah MS yad vidasyan samjagōrō janebhyah TB adatsan ma kamjagara ganebhyah TA Cf dāsyann adasjann uta sam grnāmz (T'A and AVPpp uta vā kurızyan) AV TA adßsyann agna uta sam grnomi AV In all these paseages sam-gr seems to mean 'devour, eat', tho douht has been cast ou thas interpretation (aee Whitney on AV $6 \quad 713$ and $6 \quad 119$ 1) If 'devour' is right, sam-rahara 'collect' is secondary, tho in the outcome not very far from the orignal meanng
$\$ 46$ We hat uext cuses in which the pnonty of une reading as ensphasized by the fact that the aecondary form, tho correct enough consadered as an indivadual entity out of its context, fita that context more or less pourly. so that the terin corruption begine to be more or less apphicable to it Here belong, first, several interchanges between the roota $k r$ and gam
uthām (ApS garbham) sravaritim agadīm nkarma (KS aganma) ISS ApS MS 'We have made the leaking uhhi diseaseless' Tho agunma may serve at a pinch, akarma seems to be the true reading, spe YV I p 211
un̄̄m gavyām pansadam no ahran AV ürvam gamam pansalanilu agman RV KS The onginal RV, 'surrounding it they pepetrated into the atable of the cows,' is done over in $A V$. 'they have made for us a wide conclave nch in kine' (Whitney)
vadhūr jajāna (AV jйāyn, MS KS mimāya) matıáaj (SG navahrj) jamatri AV VS TS MS KS ApMB SG See Whitney on AV 3104 for a collection of Hindu guesses on the meaning of navagot, the European guesses are acarcely better SG tries a sort of hyperSanskrituam, rationalizing a tradition which it did not understand imam logam (TA lnkam) nidadhan mo aham rigam RV AV TA 'Depositing this clod of earth, may I suffer no injury ' TA lokam (after inam, this follows so naturally') makes no sense here The comm in fact interprets it as losian ( $=$ logam), etymologizing monstrously (lokyate driyaln the loko lositih') Some mse and the comm of AV read like TA, however
pary aqdram (AS äkdram) punah-punah AV AS SS Only dodram makes sense, something (a drum') is being beaten 'about the house', not 'about the form' The preceding (in AV, preceding but one) pãda is yadı (yadim, lelım) hanat katham hamat
indrāpīsya phalıgam ApMB indrāyayäsya sepham alikam HG The correct reading is certandy phaligam
mano jagñia dūrakan (PB dūragāh) RV PB The latter 18 a farreaching recast of RV, where dūrakam belonga with manas, düragäh (in itself a perfectly good word) can only be conatrued by volently detaching it to go with the aubject of the next pada, tan ma ūvartaya punah This, according to the PB comm, who so construes, 18 Soma (whom the epithet düragüh does not fit at all) rajirnh satyam kTnuäruih (AV grhriänāh, but Ppp krnuinu) RV AV Whitney, who renders 'apprehending truth', notes that the other reading 18 better
lasya rathagrtsas (MS ${ }^{\circ} \mathrm{kplsnas}, \mathrm{KS}{ }^{\circ} \mathrm{h}$ plisas) ca rachaujās ca sendnigramanyau (TS senāni") VS TS MS KS SB The word ratha ${ }^{\circ}$ 18 a proper name, 'chanot-clever', ${ }^{\circ} k$ rtsa 18 probably a corruption of the firat atage, leading over to ${ }^{\circ} \mathrm{h}$ phina, which does not fit.
abhūr grȩtinim (AV * väpinäm mbs, R-Wh vasianum, falae emendation withdrawn by Whitney ad loc, ApMB and one ma of HG apinām, HG āpīnām) abȟsuutıp $u$ (HG ApMB $\left.{ }^{\circ} \mu \bar{\nu} \nu \bar{a}\right) ~ A V ~(b ı s) ~ H G ~$ ApMB bhaní hrstinam (AV gro but Ppp $k r^{\circ}$ ) abhisastıpāvā (AV ${ }^{\circ} p(\bar{a} u)$ AV PG ApMB HG See Whitney on AV 19245 , Roth, ZDMG 48110 The word must mean 'people', 'hefers' 19 nonsense (aee Sīyana's ludicrous attempt to juatify it)
 TS sumghoşin (ma ${ }^{\circ} \mathrm{gos} \alpha \bar{n}$ ) pränaih KSA Here what was onginally probably a mere corruption in KSA (s for 8, loss of r) becomea, if we accept the emendation, a lexical vanant
547. We come now to casea where the new reading produces a word or combination of words which seem to defy interpretation At the aame time the putatively onginal forma are theruselvea apt to be not above auspicion The cases concern great textual decay, and belong largely to the Yajurveda schools nikirya tubhyam abhya ūsam Vait nekīrya tubhyam madhye ApS nigirya tubhyam madhvah MS nugirya sarvā ādhīh KS T'be paseagea are umintelligible, kir, 'acatter', does not seent to be recorded in composition with $n i$, which points, perhaps, to nigirya 'swallowing down' (note madhuah in MS )
tena samhanu krnmasz AV tena satin anugrhndss HG The meanng of AV is uncertan (perhapa corrupt, see Whitney's note) The individually irrcproachable words of HG mouth over an uncomprehended text Cf 8386
arepasah sacetanah (etc ) nuasare manyımattamis (SV ApS ${ }^{\circ}$ mantas) cite goh (SV ala goh, ApS culakoh) SV AV ApS MS cudäkoh, with metathean of voice-quality, as if from a stem "ciddku, is corrupt
sakma yat te goh MS KS sagme (TS samyat) te goh VS TS SB 'What power of (over) the cow is thine', MS KS , perhape correctly and originally In VS SB ragme looks indeed like a Prakntisin for sakma But on account of the different cases it is doubtful whether it 18 felt as haning the same meaning (cf however the adjectuve ingma, from root ajk) It seems, rather, vaguely connected with sa and the root gam VS comm, followed by Griffith, sagme yajamaine ('), goh gauh (very simple') BR read in TS samipalte with one me ( $\mathrm{p} p$ samydt, te), but the comm, followed by Weber, ISt 13 107, tukes samydt as = samyak So also Keth ('to match thy cow') BR regard sampdite as = magme, both meaning 'Einswerden im Handel', they render 'wenn du auf eine Kuh eingehat.' They therefore derive sagma frorn sa and gain rudra yat te krayi (VS KS krev, VSK krave, MS MS gir-) parain nima taymul (VS MS SB tasmer) hutam ast VS VSK TS MS KS SB ApS MS These vanous names of Rudra are all equally umintellugble The reading giri-1s especially sophisticated, having in mind Rudra's mountan habitat
 krtunämı, Knaucr conjectures $k$ riaimı ) TS ApS MS 'I now the up the necks of the stinging serpents ' But krtinamiz 18 not $k$ matmi, and the MS may have inerely a corruption of TS, in apite of Knauer's behef that the inantra was not taken from TS Somewhat the reverse of this is found in pumãn enam etc, $\$ 48$
Cf also jägtsynas tripañcasih etc , $\$ 192$
$\$ 48$ In the remaning cases the posability of real lexical change becomes fanter We believe that we are now dealing with what are easentially nothing but phonetic shufts, if not pure curruptions invaké (MS ${ }^{\text {a }} \mathrm{ga}$ ) nakgatram MS KS This name for the constellation Mrgatirsa 18 recorded in its $g$ form only here, and in its $k$ form according to BR (V 1144) only once more (TB 155111 ) The pnonty of invaka, 'pervading', ie hardly to be questioned, but MS may have felt the word as a compound of anva plus ga, gā
sđ prasūr (SG suprarür) thenukū (HG aga) bhava AV SG HG ApMB dhenukd 18 a pet-word to dhenu 'mulch cow' In dhenuga there may be a touch of popular etymology, a hint of the atem go, 'cow', but the form 18 essentially Prakntic
asuh käptham vudsaran (read ${ }^{\circ}$ ram with comm, Ppp, Whitney, and Bloomfield) AV 214 54 All mas grithrim, $k a^{n}$ if emeudation Ppp also (ine ) giā (enı Barret, JAOS 30 193, hā̃), comm glastham pıkah (KSA prgah) kßurn̄kā nillanīıni te 'ryamne (KSA omnah) TS KSA The word is alwaye paka, except here
 VS TS MS KS The stem concerned ls always stha 'spear', except in this and the following pasage, and in a lexical quotation, perhapa based on these readings
namah srkdyzbhyo (TS sithünbhyo, MS sfgäyıbhyo) nıhāneadbhyah VS TS MS KS See preceding rimiganakino (SH ögroo) devaır iman yajamānam namgāyata SB ApS Also vinaganakinah pürvaih saha sukribhi rajabhur mam yajanänam samgüyals ApS vinagarısgınah purinnatr imam yajamēnam räjabheh wädhukrdbhih samgäyata $\mathrm{SB} \quad \mathrm{Cl}$ further līs $20 \quad 3 \quad 2$ Altho the compound vinü does not occur outyde these passagee, its meaning is plain ('master of a band of lute-players'), and it seems that it must contain -ganuka, with suffixal kn Perhaps the $g$ is due to aseimilation to the preceding $g$, or to sophistication from the root gh, 'aing' (so comm on SB and KS , both of which implausibly underatand vind-gana as meaming a quantity of [vanous kınds of] lutes'), ef Conc under gāyatam
 VS TS MS KS SB This name of an Aparas appeara in later hiterature, alwaya with $k$
pumin enam tanula ut $k_{\text {rnatt }}$ RV pumin erad vaynty ud grnatti AV See Whitney's note on AV 10743 oriatt 19 duubtless a mere corruption, promuted by confusion with the ront grath, granth 'tue', which with ud is nearly aymonyinous with uf-kirt More or less the reverse of this shift is found above, 847, adam aham etc
§49 In the following variants there ie for the moat part little evidence to aupport the greater originality of either $k$ or $g$, the words are almost

viryam kuhäbhyām (KSA gua) TS KSA A part of the horse's body For $k u^{0}$ the TS comm says, haslayor madhyayanuhi (ef nisu-kuh) The other form auggests perhapa guhya, 'pudends' Neither is recorded lexically
pralıkramanam kupthabhyam (KS gu ${ }^{\circ}$ ) TB KSA akramanam ku Ms Both otherwise unknown, like the preceding they deagate a part of the horse's body Bhäskara, hasuaparārdhamanı, Keith, 'the two centres of the lonns' Cf kusthikd, 'dew-claw, spur', etc
agne hahya MS KS MS (agne) pahya TS Neither in lexs, and neither interpretable Keith, not plausibly, 'abysmal' (thunking of gahya)
salılah salıgah sagaras te na īdztyā hevzso jusinà vyantu dvahis MS KS lekah salehah sulekas te na ädılyd àjyam jusanà vnyantu TS ApS All isolated and uminterpretable
oramyamañhīradāvakau ApS grämyaın mañgīradusahau MS vyïghram mañgirudara gauh Valt In Valt read mañoíradàmgank, or posably with Caland, "dasakau Two proper names, Mañgira or Mañkirs, and Dāsaks (or Das $5^{\circ}$ ), are involved
ramo vah kirikebhyo (MS MS namo garkebhyo) devänãm hfdayebhyah VS TS MS KS SB MS In such a formula, of the Satarudnya, ether epithet remaine doultful, tho girika, of course, suggests 'mountan-boru' like ginifa etc The posability of different lexical interpretations may be admitted, but the vanation is probably purely phonetic
uruka urukasya (Aps uruga urugasya) te vīcia vayam sam bhakterna gamemahz (MS ${ }^{\circ}$ mahy agne grhapale) MS ApS Nether form is in the lexs, uruga may be felt ns uru-ga, 'wide-going' (so Caland) Is uricka somie bird of good omen"
vi te bhinadmi takarim (KS ${ }^{\circ} \mathrm{r} \imath m$, AVPpp (Roth] tagarım, AV mehanam) AV TS KS ApS There 18 no evidence az to the meanng of takari ( ${ }^{\circ} r$, $\operatorname{tag}^{\circ}$ ) except the context and the vamant mehanam, and none whatever as to its derivation or ongial form

$$
c \text { and } \rho
$$

§50 Prakritic interchauges between the two sounds go in both directions (Pisehel, $\mathrm{g}^{202 \text { ) This of itself makes difficult the appraisal }}$ of their phonetic aspect in the varianta Moreover all variations produce passably gnod words of dufferent, origin or etymology, so that. prionty must be determined by sense, or by the establiahed supenont.y of one or the other text We are unahle to discover anything like a concerted movement, ether from $c$ to $j$ or vice veras But on the whole we have the impression that the man current. is from $c$ to $\}$, and

§ 81 Most notable and extensive 18 the nming interchange between
the forms vacam and vajam Tho not synonyme, they are both familar in ntualistic language as words of good and useful meaming Their interchange begns in the RV itbelf pra vācam (ußjam) urdur zsyadı RV (both)

Here there seems reason to regard vācam as pnor, see RVRep 410 In the next following cases udcam ta sloo onginal vacaspatır no adya vajami suadatu VSK vdcaspatur vocami (VS* 9 I , SB * $\dagger 51116$ vajam) nah syadadu VS KS SB SMB vacarpalir vdcam adya svadof! (MS ${ }^{\circ}$ tu) nah (TB le, Poona ed rah) TS MS KS TB The word uicaspatir, whth the preponderance of texts, shows that vijam 18 secondary
pantravantah pari vācam (TA vijam) duate RV TA N The older vacam refers et ther to the sound of the soma-drops (Grasemann) or to the hymns of the officiating prests (Ludwig)
premam vdjam tājasdle auartu AV premám vácam trs̀ām avantu ultue TS MS KS In all texts the preceding pada reada marudam manve adhz no (AV me) bruvaniu The Maruta seem here to be regarded as alugag pnests (RV $3141,529,3,1078,1$ ), who may well help the väc of humsn priesta AV wa banal recast
väcam arme ne yacha devayuvam VS SB vdjam asmen ne dhehe devdywam MS lapojam vacam arme $n 2$ yacha devdyuvam TA In MS a specious lectio facilor, tapojam in TA, as well as the unprārum devayā vdcar of RV 376 1, prove that the other text. are night
§62 In the remaming cases it seems Likely that vijam is the onginal word
 sanuhz vdjam emam (MG sunuhi bhägadheyam) AV $\dagger$ MG 'Do thou ( 0 woman), coneecrated, win strength (holy speech) for hinn (from (thas),' or the luke bhiggadheyam la a sort of synonym of vájain In MS amat refers to the grale with whuch the Pratipruathetr binde the woman as he recites this verse (iti pratiprasthäld yokirena painim samnahyalı), vàcam is sunple but secondary
indrain vajam un mucyadhvam TS KS TB indráya väcam m muryadhvam MS MS The verb on whinch the firat two words of this quasi-pāda depend is ajījupata, cf ajījapatendram vajam VS SB
As the interested person is a king, vajam is clearly required, vacam, 'prayer' or 'Sarssvatl', 1 la far-fetched Cf vijajuc and vājajtyingar un Conc
astedhanta itana vdjum acha RV adroghduztā väcam acha AV The
poor meter and general corruption of AV (iu which RV 3141818 somehow involved) make it unintelligible, see Whitney's note Tho uacam would fit farly well, RV woriginal at all points
Auslogous to these is one variant between vacasea and ojasã,
 evidently rueuos to read ujuas, ite text, as quoted by Roth, has nisid oham $\&$ This supporty $S V$, tho the otherwise corrupt SaunaKlya text makes as gord sense as to nvale 'Go all together to the lord of heaven (thif sun) raghtily (with prayer)' See, however, above under micam asme $\$ 51$
§63 There are next a pair of mining vanants in which ud-ac, 'draw out' ('schopfen', of hquids) secme to vary with ud-aj This is the nearest approach to purely phonetic or Prakntic change, tho ut-aj muy ut a pinch be a furly good synonym 'dnve out' in the scose of 'obtain, acquire' Thus in RV 1957 uc chuhram atkam ajate umasmit, which wr take with Geldner, $1^{\prime}$ ed Stud 2 189, to mean 'he draws out (denves) from hunself a bright garment.' Otherwise ud-aj is the favonte word for driving cattle (often miythical) from their stable, which comes metuphorically even closer to ud-ac aviraghrī̀r ud ajanty (ApMB arantv) äpah AV ApMB 'Iet them draw forth watere that Alay not herome sons', of uyukint krūram ul acanty üpah ApMB 117 Webcr, Ind ist 5 198, and Whitney on AV 14139 go the length of emending ajante to alanty, whell is doubtful practuce (ef \$3) But probably the mantra whe first composed with acartu, despite $\mathrm{H} V 1957$ above
samulràd udajant vat (ApS udacant zar) srucū MS ApŚ Here MS is probubly secondary or corrmpt, but possibly understands a form of root jan, 'wus born out of the ocran'
\$64 There are two cuses in which derivanives of roots raris and jan vary, il spemis that they divide the honors of anginality ranagitul (SV $\boldsymbol{j}^{\circ}$ ) agne angirah RV SV Little can be done with the anumalous ramsthad (Whitney, Gramimar, $\$ 906 \mathrm{~h}$, Oldenberg, Noten, on 874 11), less with janithad, that the ideas of eather 'giving delight' or 'arouaing' are well coough
säutro 'n canothaih (MS jaradhayàh) VS MS SB Cf tutho 's janadhiyith (PB ${ }^{0}$ yah) MS ISS PB MS sluto 'sz janadhāh T'B Aps 'Thou art Savitar's joy-giver (creature-nourisher)' The preponderance of texta favors jarat, there is no other critenon, both are reasonable enough
\$65 In two other individual cases the change is clearly froin $c$ to 3. tho in both the forme with 3 are tolerably defensithle
prañco agama (TA praño 'gamã) ntlaye hasaya RV AV TA See $\overline{62}$ darebhyas tvd devdyuuam (KS devavyam) prnacmi (so MS by emendation, mss mostly priaymz' ApS prnajmi) yajñabydyuse MS KS ApS MS prrajmi (all mss of ApS) 18 supported by Dhatup and by anavaprgna RV 1152 4, which is plsced by Wackernagel I p 117 and doubtfully by Whitney (Ruots) under prc See however Scheftelowitz, IF 33 136, and Neisser, 2Wbch d RV 133 (root $\left.{ }^{*} p a r a g\right)$ But the matter 18 uncertain, the forme with $g, j$ may be bsaed on root prr, and due to proportional analogy with other 7th-clase roots in $J$, which have $h$ by internal sandhi in certan forms (c g.bhanakti bhagna bhanajmi $=$ prnaktı prgna prnajmi) -In this connexion also
upa md jaksur (1) upa mī maniষi KS 132 19, where jaksur 18 ether misprint or Prakritic anomaly for caksur
856. In several casea the vanation between $c$ and $j$ is in the reduplication of roots in $k$ and $g$, which latter it really concerns, see 845
 AS akiwan) TS MS KS AS
tato na viczhitsat (erfugupsate), etc
dhip.syain và anmcahata janebhyah, etc
§57 The remaining cases are miscellanenus
somah sutah pūynte ajyaminah (SV suta rcyate pūyamānuh) RV SV Here the onginal forin of root as (añj), 'udorn', is replaced in SV by rc, 'prase.', a lexical change with hyper-Sanskritic tendency tve kratum ape vrnjant visive (AV *pricantı bhūr) RV AV (both) SV TS AA ApS MS 'In thee they all set (mingle) their mind' The combination api aprik once more AV 10426 , and nowhere else For upi vary (ongual) see Bloomfield, JAOS 35281
agre vyacusva (RV MS yajasua) rodasl urici RV AV MS 'O Agnı, make sacrifice to (embrace) the wide heaven and earth' AV has a contaminated lectio facilior, of RV 101112 mahinit mt sam vuyācà rajinar, and the converse, RV 812 24, na yam vivikto rodasi, or 10112 4, yasya mahimanam ime mahi rodasi nüiverklitm
dinas (SV diyah) prstham adhi tipthante celnaía (SV $\dagger$ rohanti tejasio) RV SV With metathesis of $c(J)$ and $t$
ud usryyih spate (TB xacale') süryah sacd RV SV TB See $\S 3$ anähanasyam vasanam rarisnu (ApMB HG ja, PG janpnuh) SG PG ApMB HG Asan epithet of a garment, jarisnu would mean possibly 'much morn' or the like, as an epithet of the subject,
aham (PG ), posably 'attaining or deatined for old age' Tous (oontrary to the opinions of Kirste and Oldenberg on HG) ja $a^{\circ}$ soems, with the majonty of the texts, the ongnal reading, rather than SG carisiu (Oldenberg, 'wallend')
jamim (KS $\dagger$ cami) ma hanisir amuya (MS anu ya) bayana KS TB ApS MS mi jamım moşir amuyí sayānäm AV -The KS readıng (of a angle ms ) should certandy be corrected to Jdmam gharmas trizug vi ríjutz (SS rocate) VS SB SS Hardly belonga here, rocate ta a perfect synonym of räjalı
yuktā̀ tıatn vimpjah (comm vibhrjah) süryasya PB yunajmı tıstu unprcah süryasya te (MS nuftah süryah save (or, saoah]) TS ApS MS In PB the comins has two equally fatunus guesses on vibhrjah 'dividers' (of the sun) But there is little more sense in unprcah, apparently 'separators' (of the sun), it seems to be applied rollectıvely to $p$ rth $2: i$, eăayu, and vüc It can hardly mean 'separate, distunct' ay BR takc it Kieth, dunbtfully, 'spaces', Caland aud Henry, Agrustoma, 128, equally doubtfully, 'épouses'
gırà ca (AV urrájah) sruytıh sabharà asan nah RV AV is TS MS KS SB The AV reading shows far-reaching adaptation to a secondary purpose, as it secme also to include with most of SPP 's mas (and hid oral recitera) and the comm frustith for srua Whitney hdopta snu, which Ррр also inlends with its sumisfus (Barret, J.AOS 30 207) See $\$ 865$
parä jutrubhya (TA ApMB jartrbhya, MS rahrbhyä, pp vaktrbhyah) àtrdah (MS ${ }^{\text {c }} \mathrm{da}$ ) KV AV SV MS PB TA KS ApMB The original is obscure enough, but MS is hopeleasly corrupt and unintelligible Note its lose of final $h$ ( $\$ 384$ )

## $t$ and d

§58 We have found practically no vanants here, the noe recorded involves planable but aecondary change fromist to 3 d persou in a verb form (VVIp 217)
vesyãvasam mimasigirbhuridt (ApMB ilfe) RV ApMB

## $t$ and $d$

j69 Here we find, first, a number of cases in which $d$ is substituted for $t$ as what seems to be a purely phonetic, Prakritic change, real lexical duffrence being acarcely, or only in a very strained way, concervable
catruà elagud (TB eda ${ }^{\circ}$ ) anumidyīsah RV MS TB The comin on TB
ignores the word The etymology of elagta (AJP 17 428) furmahes no opportunity for the change
pärāvalaghnīm (TB "daghrīm) uvase suvfktıbhıh RV MS KS TB N pärävataghnīm (вc sarasvatim), either 'slayıng the distant (enemy)', or 'slayng from a dietance' TB comm has a labored and worthleas explanstion If the text had anything in mind it must have analyzed paira + avodaghnim, root dagh, enmething like 'reaching across' (pāra, 'further bank')
sa im pihi ya fjist tarutrih (VaradapU tarudrah) RV AB GB TB NrpU VaradapU Perhapg vague popular etymulogy in turiudrah, as of 'trce-cleaving'
${ }_{\imath}$ me 'rälsur ime subhūtam (MS südam') ahran TB ApS MS The latter (quated by Kinaner from an unpublished part of the text) evidently intends subhüdam, for subhǘarn, since it is followed immedrately by
 akran TB ApS MS Cf prec
agotām anapofyotām (vulgate with inost inss anapodyatām) AV 417 6b Sunie unss and the comm read anapalyatam, which must he intended, as guaranteed by its juxtaposition with afotäm Cf RV 35418 yuyote no anapatyärit pasumin astı gituh yadè rāhhätyau vadutah ApS yadī̀ räghati varadah Valt yad adyã-

$\$ 60$ In the next following cases lexical considerations enter more furcibly, yet the change continues to be from primary $t$ to secondary $d$ vayam hi väm puritamiso (AV ${ }^{\circ} \mathrm{dam}^{\circ}$ ) usmnui AV AS SS Is the epithet (here applifed to the prets, hirm, but in juxtapneition to the word usviná) a bungled reminiecence of its applacation to the Asvins in HV 7731 ( $\operatorname{putrudun*ī~purutanui)~"~Roth,~ZD.MG~} 48$ 107, and Whitney on AV 773 1, consider the AV' furm, 'having many houses', corrupt


wato vah pitaro desma VS sado ctc ApS SMB GG In VS of what is uurs, 0 Fathers, we will give to you' The uthria with lect fac, 'a seat, 0 Futherg' etc, thas ia facilitated by the quasi-gynonym grhe in the precedung pāda grhin rah potaro datua Cf the next mukham sad asya sira ut saterna ('ГB sadena) VS MS KS TB The texts all intend sad asya (eo MS pp and VS comm), TB comm apparently reads sam usya VS comm takes sateru from a atem
sala, sand to be a aucnicial umplement, and asys that the stern sat (in sad) = sata, 'charudasah' TB aadena, taken by its comm to mean 'seat', may be a sort of phonetic perseverance, matching sad-asya Cf prec
sıuā rutasya (VSK sııa rhasya, TS and vl of MS saū rulraiya) bhespai (MS ${ }^{\circ}{ }_{j i}$ ) V'S VSK TS MS KS See §gest
gàva upivatàvalam (SV upa vudètate) RV SV VS In SV a form of upa-vall, in the others, of upa-ac SV is uninterpretable, its verb 14 ringular, but the subject can only be ganah
suasāra àpo abhı gà uľıaranan (SV udāsarari) RV SV In SV a form of iul-n-sr (quotable nowhere else) is subatituted for the onginal, ula+asaran
ya ätrnatly (ViDh ātrnoly, SamiutopB ätrnoty) avztuthera (V̄̄Dh andathena) karnau SumhtopB VāDh VıDh N avidathena can at a pinch incan 'unsacrificial' or 'not according to rule', but the use of the hirratic erdathe is very questionable at this atage The reading 12 simply Prakritic or cornipt
yathipah pravatè yanti TA TU Kaué yathis yantz prapadah SMB The latter 19 secondary, Jorgeneen 'wip die Wege gehen' In bia note he auggezts pratipadah, which is not enticing in view of the variant
agne tīn ucttha yadı te jătavedah HG ApMB tram rettha yatt te jätaverdah RV VS yad, 'If', le lect fac
«̀ vatso jayatī (AG juyatēn, PG jagadaih) saha AV AG PG ApMB HG MG jagadash (romm 'guards', anugai raksahath) is ceertmaly poor and secondary The comni however is probably right in his interpretation, as the next variant interestingly showa
ìsūnam jayadarh saha PG isinno jnyntas putzh AV Ts lis ApMB The context is different, the two piadus ure hardly variunts of pach other PG comm jagadnih, anuraraih Cy prec
 MG In RV, 'leaving us food may it fly forth, most swift-flyag ' AV , doubtless intentionally, lesving us food, mayy it set out, being on the rond', which seems to mate possible gense, tho it is sereondary (Whitney, however, aliandons it and (ranslates the RV vereion) vanui vanartl dhrsatō (MS mss ºdū, one, driadā) rujantah RV TS JB SB ME The corruption of MS mass in due to thought of driad, 'mild-stone' RV 849 (V̄al 1) 4 may have dhryat in this scoee But see Oldenberg. Noten, on this passage amoct (AV amukthā) yohimaid dicrtead nuartyat (AV avad!uit) AV TB APMB aurth 'dutress' seems likely in he original

## i sutrdune (MS KS bhūynsthadanne) sumatim durnanah AV MS KS oprothadduzve aumahm grmänah TS See §355

In a couple of cabes involving adverbe in $d$ and $t$ the $t$ seenis older, they are grouped beluw, $\S 68$, with ammlar cases in which $d$ is older

861 In the next group we find different division of the words, but the change te atill from $t$ to $d$ (cf $\S 65$ )
pathd madhumatd bharan (MS madhumad abharan) VS MS TB Either reading is interpretable, in VS TB madhu ${ }^{\circ}$ goes with path $\bar{a}_{1}$ in MS with the object of $\overline{\text { inharar. We judge that the former is }}$ probably onginal, ef RV 10246 madhuman me parāyanam madhumat punar ayanam
yena bhuyas rarāty (MG curaty) ayam (AG cu rätryam) AG ApMB MG yera bhūrts carā divam PG The onginal form is that of ApMB MG, of which AG is a corrupion PG changea the verb from 3d to 2 d person, carās (VV I p 235), thes 13 connected with the further change that introducea divam
toam no devatãtaye (AV deva dalave) RV AV SV - Ppp reada devatatoye, indieating that AV (S) is secondary It makes, however, a sort of crude sense 'do thou, 0 god, (atir) us (up) unto giving'
arepasah wacetasnh cate goh (ritä guh, cidäkoh), see $\$ 47$ Note the metathesis of surd and sonant qualities in the two consonants. $(t-g, l-h)$
Jīvann ella pratc tat te (so Jorgensen for SMB, v 1 pratıdatte) dadhimi (SMB dadàmı) T'A SMB $\dagger$ jivann eln pratıdatle dadämı MS The latter la corrupt
862 The casea in which the change is, certanaly or presumably, from $d$ to $t$ do not impress one so much with the presence of a purely phonetic movement They consist either of downnght blundera, or of variations in which either reading makes fair sense but the $t$ forma represent a later or eamer reading Thus in the first case the $t$ is a palpatle blunder that turna an impeccable passage into a group of unintelugble syllables ahà neta (GB nelar a-, SS ahäd eta) bannanctanuinz AV AB GB SS ahä ned a sann apurugavinı (so divide) JB - This ı followed by jugn̄ī (JB Caland, yajn̄̄̄) netu sann apurogavàsah (JB Caland, avreetanāsuh) AV AB GB JB yajin̄̄̀ etu sann apurogavīsah SS Gaastra reada GB as yajña netur asann upuro ${ }^{3}$, and so in the prec, read in GB metar nyann Weber, Ind St 9 306, auggesta correctly ned asann for AV etc The true form of the two pādas 13 whē ried asann aun ${ }^{\circ}$, yujn̄̄a ned ayann apuroㅇ, 'leat the days be without distinction, lest the ascrifices be without a leader' So

Caland, ZDMG 32 24f, who quotes JB as reading thus, except for the interchange of the two adjectives $A V$ and $\mathfrak{S S}$ are hopeless, but GB (as read by Gasatra) makes possible sense
§63. But in other casea, as indeed in one secondary form of the preceding (that of GB), either reading makea reasonable senae, tho for vanous reasona we beheve that the $d$ is older parn dupad udarpzthah KS paritopal tad arpitha ApS Preceded in KS by yo me 'dya payasn rasah, in ApS by yan me 'tra payasah It is an expatary formula after a nucturnal emisaon Caland adopta pan dosdd ('wnthout [parn, ac my] fault') from KS , and reade udarpitah We agree with him that this is the original reading, but consider that he is wrong in emending Apś to accord with it, paritosat, 'thru excezalve gratification', tho a alpahod lect fac, 19 clearly what ApS intended
godhdyavam ve dharasair adardah (TB alardat) RV AV MS TB The antıque and rare adardah ( 3 d ang imperf intenave of dar) puzzlea TB sufficiently to provoke the synonym ulardat
priyo me hrdo (MS hilv, v I hutu) 'si (MS † bhava) TS MS The latter 18 amply a lect fac

TB The TB stumbles uver ulā, 'with water', and eases it up to the colorless adverb uta
ydis ca (AY yā) devir (SMB deryo, PG devisis) antān (AV arlān, PG tantūn) ubhter 'iloulunta (PG SMB tutantha) AV P'G SMB ApMB yäs on gnai denyo 'ntän abhto 'ralaranta ( 80 em , inss tatantha) MG The reading tatartha could only intend a monatrously augmented form atatantha, hecause of the preceding abhito (note sundhi) Roth, ZDMG 48 108, coneiders it obvious that tatantha is a corruption fur 'dudantit In PG, however, the corruption has become infectious, because there arlön 18 further changed to tantūn under the influence of tatuntha The comm on PG (see note in Stenzler's trunalation) treats the muddle of the text as Vedic hcense Cf VV Ip 139f
yalrädhe süra utıtı vibhrì (TS uditau vyetı) RV'VS VSK TS yasmirn adhi evtatah sūra eti MS KS Of cuurge RV id ongmal, but intatah 18 found also in the AV versinn, yasyāanu sūro nitalo mahetua
undad yadī (MS $\dagger$ yadı, TB ApS yali) sarunā rugnam (MS $\dagger$ saramārunam) adreh RV VS MS KS TB ApS The ongnal yadi (yadz), 'when', is corrupted intn a fem pple yatì (IB comm
gachanti) suggested by the final i of yadi, and supported by RV 5457 ynatī saramd Saramā, the inessenger, is hardly ever mentioned without the unplication that ahe 15 a great traveler, cf RV $10108,1,3,5,7,9$, and note $g$ dt at the end of 3316 , the atanza here concemed Caland in his Tranglation of Aps unwisely abandons yatī for yadī
yaul vo devā alıpädayānı (AS'tayñı) TB AS ApS ati-pad and att-pat are synonyms, 'transgress' TB coinm akaranam anyathäkaranam cälıjatıh There is hittle reason for prefermag either, except the sumewhat greater evidence for the pad form (two texte confirm each other)
ürdheā yasyimatu bhī (80 divide) adrdyutat (VSK atz dyutat) sarimanı AY SV VS V'SK TS MS KS ĖB AS SS N The VSK reading, if authentic, is secondary Sep VV I p 128
 havyriya) AG SG PG Ap.MB HG MG The epithet raztahavga does not belong to the serpent demon Siveta, and 13 a secondary intsunderstanding
§6t In the following cases the $t$ vamant produces readingo that are increasingly difficult or suspicious, and that tempt more to emendation Eveu here, however, we cannot be sure that the secondary or falge reading was ant the establashed text of the schinol
 AV † Whitney tranalaten AV' 'inay he, quick, rich in fervor, send all' Since Ppp agrees with $\mathrm{RV}^{\prime}$, it if clear that AV'S is secondary But turas 1 s lexically defensible
tvam räjuisz pradzuah (VS VSK prahzpat) sutinam RV VS ISK T'S MS Kis N pratiput is hardly utelligible, Mahidhara takes pratiput sutúnain as a compnind, ignoning the accents 'draughts pressed on each intial day of a lunar fortnight '
harinisya raphusyadah (ApS ${ }^{\circ}$ syatah, two mss ${ }^{\circ}$;yadıh) AV ApS Caland adopts the AV reading, if ApS really intended ${ }^{\circ}$ tah, it smalates a pres pple form from a denominative "rughusiya-
agne (Punna pd agre, but conum agne) eithsu pratīdayat (v $1{ }^{\circ}$ yan, not in Poons ed) TB agre wisiu prudidayal RV Comm on T'B, groggly pratidayat, pratyekam tha präptam āsit (as if pratı, id, ayat')
866. Here again we find some cases accompanied by false division of words (as in §61)
salyà tä dharmanus pul̃ ApS satyīd í dharmunas (ŚS and mes of MS
$\left.{ }^{\circ} n a ̄\right)$ paii (Vait MS pan, SS omite) AS SS Vatt MS Caland in his Transl of Vait understands satyidea as one word (nom dual), which may be right He also adopts this reading in ApS, which is surely wrong in principle Tho secondary, ApS is perfectly clear, and undoubtedly intended just what it reads
tad mpro abravid wlak (SS utat) AV SS Followed by garulharvah kamyam varah $S S$ has a lect fac which would be quite acceptable but for its repetitousness (tat, twice)
balım ichanto miudasya (AG in tu lasya, v I induraxya) prebyäh (MahūnU AG prę̂thäh) TAA MahānU AG The AG attempte to rationabze the obsture intiulanya (sail by TAA comm to be a name of Kāläpnirudra), a $\boldsymbol{\alpha}_{\pi}$ her which it does not understand
§66 The remarkable case of teni for detn deaprves special einphasis, it 19 beat regarded as merely a hyper-Sanakritism, of $\$ 21$
disame devy (MS tevy) avatu no phrtari TS MS AS
In the päda nuitph kua rana mdyate, TA 15 ld, the comm (does not rend mädfk, as Cone states, but) interprets mäth hy mädth, which seeme the only possibihty
§67 A few wher apecial casee with probleine of their own pitvo (VS MS pidvo, KSA bidvo) nyuñkuh hakkalas (MS kakuthas, T'S KSA kasar) te 'numatyaz (KSA ${ }^{0} y(\underline{a} h)$ V'S TS MS KSA None of the fonne pituo etc uccurs elsewhere Some anmal is nieant, remotely possible is connexion with perdu mayandam (MS MS mayanitam) chandah VS TS KS MS SB MS An otherwise unknown fanciful name of a nueter Mahidhara, suhham dadät, Keıth, 'dehght-giving' This $1 s$ probably nght mayamda for mayoda in difference to the prevailing type of iambic dipody componnds with prior meinber in $m$ See Bloomficld, JAOS 21 50ff, Wackernagel 2 1, pp 204ff
partsituh kuesyanz ApMB parsīidah hlesyan HG parimüdhah kyu gamisyles PG The true reading is that. of PG, with $d$ and nether $t$ nord See Stenzler's translation ('urnpisit') Comin on ApMB get.s farly close in general sense chïndasam dirghatram, parsuah paribaddhah
[suyadum in gavam aiti pra hhuda AV susatyam ul gavom asyani pra khutais SS The AV mas read exactly as SS, except that they read gavom and pra sulan The variant is not genume, but only due to Roth's false emendation |
§68 In a number of cases adverbs in $t$ or $d$ interchange In the first two cases the $d$ forms are certanaly older, but in some of the others the reverse 18 the rase
ado (MS ato, AV ado yad) devi (AV KS devn) prathamdnd prthap yat (AV ©nd purastat) AV KS ApS MS
adah su madhu madhundbhr yodhin RV AV SV AA MS ata iz iu madhu madhundbhz yodhı TS
$\mathfrak{z t}_{1}$ cad dhe (AV' yadı an nu) tud dhand jayantam RV AV (both)
orhd nah santu sarvadī (P G sarvatah) ApS PG HG
dhatar dyanlu sarvada (TA TU sarvatah avaha) TA TU Kaúa samavayanth sarvatah SMB
tato na (KU na tato, SB BrhU na tala) rackituatz (VSK IGEU KU verugup.ate) VS VSK SB BrhU IBAU KU See $\delta 45$ tatw is certannly older
parı krubatu sarvatah (HG sarmadā) HG ApMB
$p$ and $b$
869 Here occur only a few atray vamants
phalgūr (KSA ${ }^{\circ} \mathrm{gur}$ ) lohatornī balaksī (VS palo, KSA bulakīe, em by ed to ${ }^{\circ} h$ pi täh $\dagger$ särastatyah VS TS KSA MS balakga, of unknown etymology, meany 'white', and is clearly intended here The change to pal ${ }^{\circ}$, not otherwise recurded, may be due to contaminatiun mith palzta, VS comm amply says that pal means bal ${ }^{\circ}$
 demon TB comm takes its form also as the name of a demon, It is clearly a corruption of the RV form

are untrustworthy, and neither form 1 is intelligible
patvo (pidvo, bidvo) , uce $\$ 67$
There are also a number of cases iu which $b$ as redupheating syllable of bh (in bubharte etc) vanes with $p$ as redupheating syllable of $p$ (in pipart etc ), they are gathered in §112
$k h$ and $g h$
§70 Here again are noly a few stray varianta
mä rah has cul prakhän (ApS jrauhïn) mí pramesmahz KS ApS 'May no one harm ug (or the like), may we not be injurid' Probably KS 13 onginal, pra-hhán BR (Nechtrage to $V$ ), 'durch Graben zu Fall bringen' praghänıy felt ay coming from root han, tho problemiatic in form, it appears to ease the meanng Prakntic influence is likely
saghīst juyutūchandüh TS sahhüsr (SS adds putuā) juynctiantäh SS MS Ci sakhdis gãyalram chandah MS (Bloumtield, JAOS 16

3ff) It seems that sakhd is a sophisticated lect fac, it is clear that sagh (stem saghan, comm 'vulture') is ongnal, preceded in T8 SS by syeno 'sr gayatrachandah, and auparno 'se trwitupchandah ( $\mathbf{S S}$ unserting patud both times)
yadd raghafi waradah (ApS rakhalyau vudulah) Valt ApS yad adydradhyam vadanioh MS The forin rid appeara ta be a pruper name, not found elsewhere and wholly incomprehenable Baudhs 16 23 ready rahherdyau (?), and one mb of ApS rähhdrdau

## th and dh

871 Aside from the interchange of the adverbs atha and adha, or amilar adverba, the matenal is bcanty It may be partly graphic, sunce th and dh are practically indistingushable in souse South Indian alphabets There is no clearly defined phonetic movement in either direction Yet there seems to us to be, as in the preceding rubrice, perhaps a alight tendency ta, favor dh for thin readings that are obvously secondary, showing the presence of what we have thought to be Prakritic influence
$\$ 72$ In the one common case of interchange between the adverbs, chiefly atha (uthï) and adha (adhï), we should expect on general grounds to find that the dh forme are generally orginal This expectation 18 reahzed to this extent, that the $\mathrm{SV}^{r}$, with noly one exception among the variants, subutitutes th forms for RV dh Yet the AV, relatively late and popular, surprizingly fuvors adha (adhi) The RV in its heratic parte favors the $d$ form as we should expect, and in ita more popular parta the th lorms The remaining texts in general favor atha, but now and then fall into the archaizing adha

573 We begin with casea in which RV shows adhā, other texta athd (atha), included 18 also one case of RV unsvadhá, SV visunthè
in bhänum vicivadhitanat ( $S V$ moradk $a^{2}$ ) KV SV
adhii guri (AV athn juvit, mss jurnr, ApMB athi ginri) udatham a vadāal (RV vadāthah) RV AV ApMB
adhī (SV uthri) no vitumcarpane RV SV adhd (SV athn) te sakhye andharn un mo made RV SV adhis (SV athn) tenumnam ìnahe RV AV SV TS adhā (TS MS athä) te syāma varuna pryàsah KV TS MS KS adhin (TS MS athū) kntakratun yūyami RV VS TS MS KS SB rudrasya marya adha (SV athā) suakerih RV SV'
§74 Next, cares in which RV (almost always in Books 1 and 10) ahows the more popular atha (athī), while other texts have the archazing adha (adh ) The latter occure most frequently in AV (of course
secondary, of the ammar preference of AV for the archanc krno- as agannt kara-, VV I p 116ff), once in SV (ürdhvadhē for RV ${ }^{\circ}$ thā), once or twice in other texts
pra smaśru (SV' amaśrubhrr) dodhuvad ūrdhuathà bhül (SV adhā bhutat) RV (10) SV
athū (AV aulhd) nah bum yor arapo dadhaita (MS ${ }^{\circ}$ tana) RV (10) AV VS MS hS N uhā.smabhyam sim ctc TS
 RV (10) AV TS TA Add to VVI $\$ 370$
athà (AV adhd) mann †wasudeyayn hgseat (AV hrnusva) RV (1) AV
Despite the grandiloquent adh,$A V$ is secondary as shown by the meter
athā (AV adhñ, MS KS lulo) no vardhay (3) VS TS AY MS KS JB ŚB TB JăbU
athä (AV alhah, comm adha, but Ppp adhah, Barret, JAOS 40 161) sapalnū yä mama HV (10) AV Ap.MB adhá sapainuin muimakän AV
 athā (AV adhã, comm atha) :ayam adztya vrate tuva HV (1) AV VS

TS MS KS SB $N$ athidztyo vrute vayam tave ArS SMB
 RV (1) TS KS N
uthá (MS adhii) devã̃äm apy etı pithah RV (2) TS MS
§75 Amung the remaning cuses, it may be noted that. AV agan prefers the d h form repeatedly, as agaust other texts with th
udha dyäna surabhayo (ApS corruptly, syäm asur ubhayor) yrheṣu AV lis Aps athri syata surabhayo grhesu MS
adhais juvema saradèm satäm AV atho jwa suralah satam Visk And wthers, ste Conc under anau give
adhā (IIG athn) mīsı punar à yuita no grhīn AV HG
adhä (MS MŚ ahā) posa.ya posenu VS MS KS MS
athä nıśvähärapa edhule grhe VS atha insive arapā eclhate grhah TS
 indro the VS TS MS KS SB ApN゙ MŚ
athā (VS SB adhā) rapulnān inlrāgnī me VS TS MS Ks SB ApS MS
 LiS athattam pitum culthe prasütah vS ŚB
adhāsyii madhyann edhatüm KSA athäsya madhyum ejatu VS Lí athäsyaı (TS MS TB asyà) madhyurn edhation (Valt ${ }^{\circ}$ (u, AS LS cjatu, SS ejate) VS TS MS SB TB AS SS Vait LS
indro marudbher ftuthū (TS ApMB adhä) krnotu TS MS KS AS SS ApMB
devā no yajñam ftuthā (TB ApS fjudki) nayantu VS TB ApS See $\$ 157$
§76 Somewhat like the change of adha to athe ta one interchange between the roots näth and nath, since here nädh is clearly pnor But nädh is commonly consudered to be in ongin a secondary and quassPrakntıc form of näth (von Bradke, ZDMG 40 678ff, of Wackernagel I p 123)
svāyām tanū (ApMB $\dagger$ MG $\dagger$ tanūñ) Hinye ( $\mathrm{RV} \dagger$ truye) nädhamānām (ApMB nätha ${ }^{\circ}$, but many msa nadhá ${ }^{\circ}$, MG bädha $a^{\circ}$ ) RV ApMB MG
§77 For the rest we find an very definte plionetic movement in either durection But it may be signuficant that the cases in which th seerns probably the onginal-listed in this paragraph-are aomewhat. mure numerous than those in which $d$ appears older avakro 'vithuro (ApS 'milh', Kisuśs adds 'ham) bhūỹàam AŚ ApS MŚ Kaus. That avithuro (root vyath) 'not staggenng' is the onginal is indicated by the majonty reading, and by its closer agreement in meaning with arah ro, avidhuro is clearly secondary
masaim nu gaid apara artham (TB Ap今i ApMB andham) etam RV AV VS SB TB ApS ApMB muī no nu gäd aparo ardham etam TA Aps 'Let not another of thein go to that goal (side, part) arthu and ardha arc here synonyins, of HV 116417
ubhür (V'S TS abhur, NilarU swo) asya ntiangathoh (V'S othth, NilarU 'th $h$ VS TS MS kS NilarU Comm on VS 'sheath of a sword', but 'quiver' is more plausible since arrius are mentioned in the preceding pāda Hiudu levicons quote nisanguth as meaning 'embracing' elc, the other forms are $a \pi$ dey Probably ${ }^{\circ}$ dhe is influenced tiy thought of root dheu (popular etymology), while ${ }^{\circ} \mathrm{f}$ is a mere corruption
parüdam väso adhthanh (HG adhıdhäh, ApMB adht dhä) svastnye AV HG ApMB The origial (AV) form is 2 sing aor ind of this, the prrsonal ending thäh is mouthed over in the later texts to a sufficiently plausible form of dhei (dhüh), the first part becoming the preposition adhe See VV I p 39
äkhuk hawo mänthälas (MS minthälavas, VSLi mìndhälas) te putēnām VS VSİ MS pänhtrah (KSA pānktah, but. all miss of both TS and KSA paintra-) kaiu minthilavas (KSA $\dagger$ ma ${ }^{2}$ ) te pitrnam (KSA $\dagger$ $\quad \mathrm{mtr}{ }^{\circ}$ ) TS LSAA We may guess that the majonty of
texts preserve the unginal th, but the forms occur nowhere else Sad to mean 'flying fox'
 karmand) dansamibhih RV AV VS VSK MS KS (botb) SB TB ApS The ruhject. 18 the Asvins, so that VSK 18 hardly unterpretable See VV Ip 282
apu smehitir (SV stilhtem) trmanis adhatta (SV adhad rah, KS $\dagger$ nrmanīm udadhrdm) RV AV SV KS upa otuht tam urmndm (Poona ed snuht ham urmandm) athoulram TA See $\$ 110$
878. In the rest dh seems in be the onginal apdma edhe mé mrthā raz indra SMB amd ma edhe mū mrdhd na (AS $\dagger$
 nal (AS SG) 'be at home with me, do not denert us (nie), Indra' This SMB converts into the unbelicvable 'be an off-warder of disesas, do not die for us, Indra ' At least the comini takes it thus,
 rigama of Kaus confirma mrdh as onginal The variation se somehow connected with the sphere of $8 a$ ma mita (tam ma molhah), which see in $\delta 98$ On Kiaue 's reading see $\S 344$
 $y \bar{n}$ ) raridhn AV TS MS Several mas and the comm on AV read madhavyär, which Whitney properly recommends
adhordma (HG atho*) ulumbalah (HG $\dagger$ ulumbarah) ApMB HG adho" $=$ odhax is obviously correct. HG mechameally recally the many phrases begioning atho ( $=$ atha $u$ ), q $v$ in Conc
dîrghäm ane prantirm (KS samftım) àyuģe dhän (KS trā) VS TS KS SB TB dïrghom anu prasptem samspisethäm MS An extensive alteration, yet atill showing the change of dh to th ("se dham ${ }^{3}$ gethnim)

## $p h$ and $b h$

879 The instances are few and all concern queationable forms phalaya, and, phulliya KhG bhalāya rodht, and, bhallaya sudhd SMB GG The words are addressed to the sun, or to the evening twilught, their nueamiga are unknown The form with angle $l$ and the variant with ph make it questiouable whether bhalla as Prakntic for bhadra (Wackernagel I §195), in upitc of the form bhallaksa which ıs probably so to be explained (Weber, Ind St 288 )
kanalk $\delta b h \sigma_{m}(\mathrm{AS}$ pranākipha) n abhara TB AS See $\$ 151$ yc sarnsuali varsambhalya (ApS ${ }^{\circ}$ balya, $v 1{ }^{\circ} p h a l y d$ and $\left.{ }^{\circ} b h a l y d\right)$ tasyām me rásva

TB ApS See $\$ 114$

## CHAPTER III ASPIRATES AND NON-ASPIRATES AND H

880 The subdivaions of this chapter are very unequal in aize and umportance In moat of thein we find only atray varianta, often concerning obscure words of doubtful belonginge Sometumes both fornus may be interpreted and defended, hut on the whole they suggest that phonetic confusion between aspirates and non-aspirates played no sloght role in changes of the Vedic tradition Varnants of aspirate and non-sapirate mutes in considerable numbers are found only as between $f$ and th, where however graphic confusion is undoubtedly largely to blame, and us between the dental aspirates and non-sspirates It iy here that we find much the largeat and most mterestung group It will appear that lexical and morphological considerations enter in to a large extent, yet it will scarcely be doubted that phonetic resemblance accounts at least in some measure for the swolln n bulk of the variations between roots din and dha, for example, or betwren verbal padugs of different sorts contaning $t$ and $t$ - The variation of aspirate mutes with his appended to this chapter ua a special section, 88115ff

$$
k \text { and } k h
$$

$j 81$ Here ocrur two variants, both concerning very duhoous forms gohya $\dagger$ ujagohyn marūhn (PG mayūhho) manohäh PG SMB Cf grhyo etc Names or forms of Agol the mas vary The form mobluhha, 'ray', would fit farly well, but may be merely a lect fac The levicode report marüha in various meanings
 Mahānd form recurs in the Purānab, it is interpreted as hha-hha-
 the comm's explanation is not worth quoting
$g$ and $h h$
§82 Two vananta between the aynonymous stems zuhha and suga, to which no phonetic almificance can be attached The form oukha is later both turnes
sugam (VS MS SB suhhami) neçāya mesyat (IIV mepye) RV VS VSK TS MS KS ŚB I.S
angam (VS MS suhhan) ra me singanan ca tue VS VSK TS MS KS

## $g(k)$ and $g h$

§83. Only a few variante, one very ohscure, one cormipt, of yena mahdnaghryd jaghanam AV Kaus, where apparently all inss of buth texts read so, but the emendation mahñagnyá is ubvously required and 18 assumed ty the Conar and hy Whatney yajnasya ghosad asz TS TB ApS goiad asz MS KS MS TS comm 'wealth', Keith 'subatance', remarking that ghosad is probably a corruption for gosad, which however is itself not clear yatheyam stri pautrum agham nu rodñt AG SMB PG ApMB HG yathedam stripautiam aganma rudryäya MG See 8801 ǔsäm ìsãno bhagavah (MS maghuman) VS TS MS KS The mords are virtual synonyile
 same context, one must be a phonetic corruption of the other ' $O$ cakp-making $A$ '. or ' $U$ thuu that hast cakes and ghee as oblatinns'
c. and rh

884 '「wo variants, one an unomatopoetic word
rec-cec chunuka stja PG chad apeha ApMB Cf the Enghsh 'ekat'
harnäbhyān (PG goxiānāc) chubuhād (ApMB cu) adhı RV AV ApMB PG Av 1 of AV with its comin cubuhad, onc ms of ApMB abukand, which is the formifound in later Sanskrit

$$
j \text { and } j h
$$

§85 A angle variant
apām naptre jasuh (KSA jhasah) TS ISSA jasa 18 otherwisc not unknown (AV), but jhaxa is regular in the later language The word is of non-Aryan origin

## $t$ and th

§86 These vanations are without doubt largely, perhaps mandy, graphic In every case but one they concern interchange of st and sth, which are practically indiatingushable in most alphabets In nearly every matance the th furm ie proper, or at least more usual Many of the words, however, are obscure in derivation kusthayä (MS kus $\operatorname{ayy}$ ) te krinänz MS ApS Regular is kupthä, designation of a messure, kusī̀ is not recurded lexicully nadībhyah pauñjıstham (TB ${ }^{\circ}$ tam) VS TB Aleo namah puñjesthebhyo (TS 'tebhyo) nısüdebhyas ca vo mamah TS KS
namo nisadebhyah puijusthebhyas (MS apebhyas) ca vo ramah VB
 usually to be written with ${ }^{\circ}$ tha, but there 18 no hittle fluctuation Ita unknown, perhape non-Aryan, origiu 18 not illuminated by the proposed worthless etymologes
vanistum (AB TB AS MS 'thum) asya mū ränıın MS KS AB TB AS SS † 5179 , MS The regular form is vartasthu, of unknown derivation Knauer (on MS ) would emend MS to ${ }^{\circ}$ thum
ahorätre ūruaslive (VS asthive) brhadrathamlare ca me yajñena kalpetäm (VS $\dagger$ kulpantime ) VS MS (Add to VV I §357) The proper form is üru-usthiva the latter part being a modulation of asthi-vant, 'knee'
satāpāsthidya (read wnth Poona edd ${ }^{\circ}$ sthà gha) vis̄ā pari no urnaktu T'B T'A suri ligital ( $\rho \rho \mu \bar{a}, ~ a s t a t)$ dhansii mirmah (read [a-] varnah") MS As a missile (hetı) is the aubject, the true reading contains apasthu, 'barh' The MS $1 s$ entirely corrupt. The Poona ed of buth TB and T'A makes the pāda begin with the precering word ugrà
anupüriam yatamüni yati stha (AV sthn, TA yatista) RV AV TA yativita could only be an aumat, but as it retanse a double accent (yiti-sin) it is obviously corrupt (suggeated by the preceding yatamãri) for yátz sthu, 'us mиny as ye be'
 TS MS İS SB N dhruvamayu (AV ayo) dhruvam utāsumzşthäh (AV utī savaitha) RV AV Here both forms are correct, there is a shift of verbal pereon, from 2d to dd (explanned VV I p 241) On the corrupt reading of AV see $\{2.34$ Cf next
 TS MS KS PG See 17 I p 238, and of prec
 tenable at all (panistayp, 'for prase') it pointa in a stem in th, whereas RV (of course original) has a superlative in istha
Inir aithansiam asmitam GB Vait ApS Qunted in Conc with ailansam from GB and Vant But the Vat reading is a nuere mapnot, corrected by Garbe p 119, and Guastra reade astharisam in GB without report of variant Accordingly we may assume that
 (cf sthutzā, ApS )]
$\$ 87$ In the preceding sth te the proper or at least the usual apelling We nop come to the cases where st seeme proper Both are dubious,
the first belongs to the sphere of the Kuntapa hymos, whose textual tradition in all veraions 18 of the worat sort, and the second has th only in the $\mathrm{p} p$ of MS
saptım (SS sapthm) sahasrd navatım ca kauramu AV AS SS The combination pasirm sahasra ts very common, see eg Conc thereunder SS, if its reading has any real atanding, has confused pasl2 with the ordinal stem saftha
 rudro nirfter mã no astē TA See VV I p 93 The forms are doubtful, read astam"
$\$ 88$ The following is the sole variant between $t$ and th not preceded by $\delta$ Nothing is known alout the word kahuthe or kakikata except that, as the context shows, it is the name of some anumal
pituo (pndvo, bid:o) kalhatas (kakuthas) , see §67

## $t$ and $t h$

§89 These sounds interchange a good deal in old, historic, morphological elemente which are otherwise identical (or nearly ao) in forni, and frequently identical or similar in meaning Hence, with vanations containing euch forms, it ie not easy to say to what extent the change was morphological in character, and to what extent it resulted from an error of speech or hearing No doubt both influences were concerned m most cases We find, for example, that 2d personal verb forms coniaining th indicative) and $t$ (modal) are often interchanged, there is seldorn any connexion in which either of them is impossible or even difficult (ef VVI, especially $\S \delta 14 \mathrm{ff}, 116$ ) Again 2d and idd duals often differ ouly in this single consousit, $t$ or th, and VV I, especially § 820 f , 292ff , 326ff , has shown how easy $1 s$ the sluft between second and thard peryonal forms, of ten with no further change in the context There are also casps coucerming noun formation, suffixation etc, where thas shight phonetic difference is concerned
§90 We hegin with the variations between the verbal endings tha and $\mathfrak{e}$, the former properly present indicative, the latter modal (or pretente) They have been listed in VV Ip $23 f$ In the majorityhated first-the $t$ form appears to he older, in the last five, at least, the $t h$ form
āpura stí SS āpūrȳ̄ sthū TS AS Add to VVIlc tam aina jānita ('SK otha) parame vyoman AV VS VSK TS KS SB MS jänīta smaınam (TS MS jänihíd enam) $p a^{\circ}: y^{\circ}$ AV TS MS etain jänütha (TB jinitāt, KS jänĩta) $p a^{\circ} v y^{\circ}$ VS ISS ГВ

6B Note especially that VSK Janithr is apparently a blend of janita and jandith, tho Jänitha is grammatically better than Jandtha
brva no bhavala (ApS Dtha) jürase MS ApS
 asva bhavala (AV TS KS itha) vájrtah AV VS TS MS KS SB deva bhavata vä ${ }^{\circ} \mathrm{RV}$
lena kridantik (SG kril ${ }^{\circ}$ ) carata (SG atha) pryena (AV vaban anu) AV TS SG PG ViDh vakin anu in AV is due to infection from RV 1823,101427
devebhyo bhavata (TB ${ }^{\text {tha) }}$ ) supráyanäh RV AV VS MS KS TB N datto axmabhyam (KS dattuãsma ${ }^{\circ}$, AS datlaydrma ${ }^{\circ}$, SMB dattiama ${ }^{\circ}$ ) dranneha bhadram AV KS AS SMB dadhatha no draunnam yac ca bhadram MS
ye 'tra puarah bhüyästha AV SS ya etasmin loke bhüyästa TS TB A primary ending on a precative form is absurd, yet all $n$ res of AV and SS seem to agree on ${ }^{\circ} \mathrm{tha}$, see Whitney on AV 18480 arîläg udabhartsuta (AV miss 'tha) AV SS The AV readıng, augmented but with 'tha, 18 a monatrosity Hoth's volent emendation, dsannd udabher yatha, bas no atanding
 mes of ApMB read " $t u$, in such tresh as this it makes hitle difference what 18 read
saputrkīydm Jägratha PG yajamiñāya jägrta ApS See note in Stenzler'e tranalation of PG 11622
indrena yıjä (TB sayujā) pra mrriüa (TB itha (Bıbl Ind pranitha]) katrin AV TB Add to VV I $\$ 16$
 TS Followed by
 The clauses are parallel and we should expect the same mood in both, yet both are inconsistent Little weight is to be attached to the Ppp readinga, quoted by Roth as having $t$ thruout the atanea, pven in pada d (yatrà naro marutah stinuath madhu), where the relative clause should ensure the th form (indicative, see IVV I pp 78f) Contrariwise, the AV conim resds pinuatha for ${ }^{\circ}$ la, which aeema to suggest, perhaps, that ongmally all the verb forme had th yad ümaydt nes $k$ tha (TS MS Kis kita) RV VS TS MS KS $k$ tha, tho a dubious root present, really a back formation frome aoriata lise $k$ rathe, is the older reading, kita lect far
 KS - MS, which borrows divo efytim from eg RV 227 15b, 1 , secondary also as regards ${ }^{\circ} t a ̄$
ud iraynthā (MS MS ${ }^{\circ}{ }^{\circ} \mathrm{a}, \mathrm{AV} \mathrm{KS}{ }^{\circ} \mathrm{ta}$ ) marulah samudratah RV AV TS MS KS AS MS
$\oint 91$ About equally often second sad third duals contaning th and $t$ interchange (hated VV I pp 24f) Fien when the context is to our feeling inconsiatent in me or the other reading, as often happens, we should generally reast the temptation to emend, for reasone made clear in VV I (references quoted §89) We begin with paseages in which the th forma eeem to be the older, in the majority there ts hitle to ehoose between then
citrebhir abhruer upa tisthathu (MS ${ }^{\circ}$ tu) ravain RV $\dagger$ MS Fullowed by dyàm narsayatho (MS ${ }^{\circ} \mathrm{Co}$ ) umbraya māynyā RV MS See VV I p 241 y dv (MS KS $y^{\boldsymbol{f}}$ ) ätmanuad bibhrto ( $\mathrm{KS} \dagger^{\circ}$ tho, AV visatho) yau ca rakpalah (AV KS $\dagger^{\circ}$ thah) AV TS MS KS Followed by
 texts Ser VV I p 228 The unammity of AV and KS, partly supporied by MS, perhape indicatre that the 2d persons are original, we fall to see any ground for Keith's opinion (on TS 4715 3) that the 3d permons are more 'logical'
lat satyanc yad viram bibhrthah ( $\mathrm{MS} \dagger^{\mathrm{C}}$ tah ), and, in asme passage, viram junayzsyathah (Ms' itah).
te mat prätah prajanayzsyethe (MS *ie),
te miā prajate prajanayısyathah (Ms ntah) TB Apsi Mâ Ser VV I p 236
 prornuäthïm, MS MS $\dagger$ prornunuàtiom) VS VSk TS MS KS śB Kaus Aps MŚ also see Cune under suarge (ogena, sutarge) loke (-rn) prortuväthä̀n ete (only MS ${ }^{\circ} t \bar{\iota}_{m,}$ VS VSK T'S KSA

 jusolim (and, ${ }^{\circ} \mathrm{hrim}$ ) yajnam tstaye RV (both) Add to V'I §21
hömam duhätän tha sakvaribhih AV rástram duhäthün ihu revatībhth TB See VV I pp 25, 224
puraia grihriad ararusah pbiatah (TS ${ }^{\circ}$ thah) RV MS TB Here, and in the following enses, it seerss farrly elear that the $t$ forms are onginal sam (ApMB sam) uicho rumasam halah (ApMB hathah) RV ApMB Spe VVIp 24
hato (SV TB hatho) vitrã̃ly àryā (AV TB aprall) RV SV AV TB followed hy
huto (SV hatho) düsänt satpatī RV SV, and,
hato (SV hathv) vı\{ıă apa divpah RV SV Sce VV I pp 222, 232
yajnasya yuktau dhurya (TB ApS ${ }^{\circ} y a ̄ v$ ) abhülàm (MS ${ }^{\circ}$ thdm) MS KS $\dagger$ TB Aps And, in the same stanza
dıı (KS dive) jyotır ajaram (MS KS uttamam) ärabhetam (MS KS $\dagger$ ${ }^{\text {cte }}$ (ham), same texts abhüthämis certannly wrong, and all texta have a 3d person in the lst päda of the verge See VV I $n 2.35$
892. There are further a few unomalous vanante concerning other verbal enduga contaming $t$ and $t h$, or, in the last caae, a verbal ending with th varying with a nominal ending withit
abhlramyatäm (MS 'thäm') MS SG YDh BrhPDh The MS form, if correct (it occura in an unpublished part of the text), is hopeleasly anomalous, see VV $1 \$ 22$
yās ca (yā) devir (ilevyo. devìs) antārı (artīn, tantūn) abhuto 'dadanta (talantha), etc, see $\$ 6: 3$
ubhāv ${ }^{2}$ Idrā ( $(\mathbf{S B}$ ululo) udıthah aūryas ca VS SB ayn(h)sthünam
 The old loc sing in ${ }^{9} h i$ is shifted in V'S SB to a second person dual verb, whtthah
§93 In nominal endinge, suffixal or quasi-suffixal, this variation has a certann scope, but is complicated by corruptions or other obseunthes
 which is clearly original, 'finga is infected by asurite, of Whitney on AV 18256
petrar brahmäno (AV brahmià) vasunitha (AV ${ }^{\circ}$ nältr, KS* ${ }^{\circ}$ dhilam, 38
 MS IVS (has) SB All formis ure rare and dubinus KapS (v Schr on KS 9 14b) has zasudhitam or ${ }^{\circ} \mathrm{lim}$ (so also $v$ l of kS) nerrtho (MS $\left.{ }^{\circ}{ }^{\circ} \mathrm{f}\right)$ yai, ra nesvanah (AV nisuarah) AV MS T'A narptoin MS 18 a secondary blend of nirtina (old) and nerpla (common) swast, nah putrakthezı (MG pathyükftesu, but v 1 as RV) yonısil RV AB MG Note metathesis of $t$ and $t h$ in MG, if the reading ie correct, it is a blunder due to $\mu$ athyinion in the preceding
äbhur (MS KS äbhūr, NilarU Êuo) axya misañgathıh (VS ${ }^{0} d h i h$, NilarU ${ }^{\text {oth }}$ ) VS TS MS KS NilarU The last has a corruption, see 877
paktē (KSA panthā) sasyam TS KSA Comm on TS, pākakilunn KSA corrupt, sep Ketth on TS 75201 stuto 'or janadhāh TB ApS (LS pratika, stutah) tutho 'sr janadhäyäh
(PB 'yah) MS KS PB MS LS Ia atuto lect fac for tutho of unknown meaning?
 AS SS From RV 3 3 $6,4152,8$ 75 1 it is probable that ratht te the true reading
garbhat ca athäctm garhhas carathám RV Conc would read caratam (gen pl of cärant), but curdhäm (gen pl of carditha) may atand (Oldenberg, Noten)
694. In a few adverbal forme this variation is primarly morphological, but rather indeterminate phonetic tendencies may have been at work
atho (MU ato) arneraviva jìvarıı TA TU MU
tuto (AV ArS tatht) vrsuañ vyakrima! (AV tath vyahrámad ınsuañ) RV aV ars vs ta
atho rájann (AV uta rájūàm) utlamum müruvā̃rúm AV TB
atho puti (MS utriyam pta) mahatam gargarandm AV TS MS KS
§95 As regards lexical interchange of $t$ and $t h$, RV 81327 huri indra pratnduasū abhz avara has been suspected of harboring a corruption of prathuduasu, 'increasng wealth' (Yäska, prâpta-vasu, Säyвnв, vestïrnadhana), or pratata-vasu But there is not the alightest reason for any Vedic poet to blunder away from so obvious a form as prathad-vasu The word as it stands may be pra-tad-vasu, '(carrying) forward his (Indra's) wealth', ac the two bay steeds, as subject Cf the doubtful krtid-varul (kglatad-vasü with haplology') in RV 831 9, see however Warkeragel, 21 pp 64 , 319, Oldenberg Noten on the равяадея
596. The lexical interchanges are otherwise few, largely corrupt, and partly based on different word divaions
ūbhyäm (MS KS add vayam) patema xuktlàm u lokam (Kaú pathydema suhtagya lokam) VS TS MS KS SB Kaú Dhătup haea root. path 'go' doublless abstracted from the noun path, panthan Posably Kaú intenda pathyä(h) sma In VV I p 110 we have treated its form ay a precative It is hikely, however, to be a mere corruption as regards the th
hetva na ürjam pra patut putssthah (AV padst pathsishah) RV AV MG See 860
eamarāuablagi (VS SB KS samsrava", MS ${ }^{\circ}$ bhagah, KS Kan' ${ }^{\circ}$ bhagas) stheyñ (Kaú tuvsä) brhantah VS TS MS KS SB Kaug taussä ıs a anphisticated arsumlation to brhantah aktam (MS MS aptubhì, KS *artham) rhäní vyantu (TS TB KhG
unyantu) vayah TS MS KS (bs) TB MS GG KbG uyantu vayo 'klam rhanaih VS SB KS aktam tihanah, 'lickıng the fat', 18 certanly onginal, the KS artham rationalizes poorly, or ratherisa mere corruption Indeed von Schroeder on KS 3111 suggeata emending artham to aktant On MS see 1152
atho matätho pitā TA hatā mäla hatah prtā SMB hato hatamâtū kramih AV See §386
atho ye keullakī $\mathbf{i v a}$ AV hatah kriminàm ksudrakah SMB atho sthūrā atho kyudräh TA See ibld
sarve ridhydh stha (SS ${ }^{\circ}$ yäs tu) putrah AB ŜS
grho heranyayo matah (AS $g r^{\circ} \mathrm{m}^{\circ}{ }^{\circ} h i^{\circ}$ ) AV KS AS Here all AV mbs and comm read mithah, which makes no sense and is clearly a corriptioo, KWh read mutah with $\mathrm{Ppp}_{\mathrm{P}}$ and KS AS
 udarpitah, wee $\oint 63$
upa yujñam asisthta (AV comm astria, MS astu no) vats̊tadevi RVKh AV ApS MS

## $t$ and dh

§97 Here we find chicfly forms of the roots vrdh and vith which in composition with acveral prepusitiona are alniogt. synonymous, but in every variant which occurs one reading or the other is suspicious or corrupt. It happena that the ort formie are correct or original in every case except the first two, where the reverse is true
bhima à värthe (SV vä̀te) savah RV SV
madantz devir amrtā flärdhoh (Vaut ${ }^{\circ}$ vetah) V'aut $\Lambda_{p} \mathrm{~S}$ MS Caland on Vait 1320 assuines that ${ }^{\text {ovpluh (all mas }}$ ) 19 an error
abhi rästriyn vartaya (AV varchaya) KV AV The AV is certanly poor, and Ppp hay martuya, see Whitney on 1291 Cf next two
 eame condiuona Cf also next
ubhy somo aviutat (AV ${ }^{\text {Jordhat }}$ ) RV AV In next verse to the prec two, artue conditiona
nevarto yo ny auivrdhah (ApMB intut) HG ApMB Oldenberg adopts ${ }^{\circ}$ vertal for HG
pıunànsam vardhutiom (ttext is right, despite Cone) mayı SG pumin sumvartatàm mayz PG pumuin garlha, tarmane SMB 'Let theru tro (Indra and Agmi) make a male grow in nee', 'let a male be in nue' or the like SG has a 3 dual active verb See $\{840$
Note further the exchange between the old (RV) adjectives thirydh
 rtürdhau (dhrtaurate), and otbers, see $\left\{\begin{array}{l}\text { S466, } \\ 465\end{array}\right.$
§98 The remaning cases are sporadic, and agan largely suspicious or corrupt.
samudiarasya dhàyasā (AV V'S byava) AV VS TS KSA HG Synonymis
sa mī mita (MG urtal) AG Ap.MB MG ef tam min mfdhah SG 'Let him not die'. or 'do not fall hım', and $\overline{\mathrm{g}} 78$, apeima eth mā mrthe na indra, pte The MG hap a mere corruption, bee $\$ 22.5$
 in le (PG taule, HG vilhe) krothan nayämasi PG HG ApMB Kirste auggesta emending HG to $v i k$, and this apparently Oldenberg aseumes is hie transiation, undhe niay be somehow felt as from $\boldsymbol{v}$ - d hä, but 18 really hopcleas
yebhyo madhu pradhāvatz (AV pradhīn adhz) RV AV TA Comım on AV', followed by SPP in text and by Whiney in his Tranglation, reads as RV See Whituey's notc and Lanmian, ap Whitney, م xcll
sriyaz (MG smye) putrāya vettavar (wG wedhavaz) ApMB MG For the MG Knauer suggents veddhovar, Conc veltavna
 very inferior in spnse

## $d$ and $/ h$

\$99 This interchange occurs in a considerable and hetcrogencous muas of vanants, most of which are isolated and either lexical or under euspicion of corruption The manuscripts certify to the ease of confusion between the souuds by very frequently showing variation bet ween them in the same passage of the same text, of eg, Whitney on $A V$ 1112.3 (arbeudhri ${ }^{6} d r i$ ), to mention only one out of numercus possible examples In the mudst of this miscellancous mass, however, there loonia a large and conipact block of vanants between the two roots di and dha Thesc two ronts, thruout the whole of their inflection and in large part in nominal derivativea, are rime-words, differing (in general) only in the aepiration or lack of it They are alao in large measure synnaymous, or so near it that it amounts to the same thing

Roota dà and dhí
$\$ 100$ They arc thus used interchangeably, without betraying any perceptible difference of meaning, in ntual formulas like the following àyurddans Syurdhana TS JB AS
 rakyırdā (KS $\left.{ }^{\circ} d h \bar{u}\right)$ an VS KS SB
varconá anz VS SB SS varcodhā asz AV TS MS KS JB TB Aps MS
varcoida (MS ${ }^{\circ} \mathrm{dhi}$ ) agre 'si VS TS MS SB SS PG - All these iormulas are followed by āyur (cakşur, varco) me (maye) dehi (dhehi), the verbs in the two ansociated formulaa being alwaya conaistent
$\$ 101$ There 19 , to be sure, one regular difference between these $t w n$ verbs as regards the caspe they govern, tho it is one-sided rather than reciprocal do does not govern the locative of the person but only the dative The root dha, on the other hand, while it seems (to our feeling at least) most naturally construed with the locative, may also govern the dative We have noted among the varants only two cases of da with the locative, both of which may reasonably be suspected †okhäm dadhötu (MS dadätu) hastayoh VS TS MS KS ŚB Thıs 13 no real exception, firat because a dative (tubhyam) in the preceding pēda is connected with the verb, the lorative hastuyoh being really epexegetic, hut also and chiefy becanse the MS reading is nonsense, suace the preverb $\bar{n}$ is joined with dio, which could only mean 'take', a meaning that is manifeatly impossihle here Cf mia no andhe .$\S 105$
 MS KS TAA ManānU Ap.S AG SMB Here the isolated dadãı. in the late AG is evidently an crror |mayı ruam dhah (KS tdhehi) MS KS Conc deht for KS |
\$102. On the other hand, we find cases like payo te dah, MS, recurrung as payo mayn theh ApS and on the same text. (TS ) nll three posabbilities in a formula like ayur me deh TS 15 ; 3 , ciyur me dhehz 10 6 1, and riyur mayz dheh 75192 (but, N B, un *inur mayı dehı)
\$103 In very simple formulas of the type presented in this paragraph, there is as a rule no criterion for establishing the greater originality of rather reading Indeed, it is doubtful to what extent they are properly to be considered variantis of one another, not infrequently they inay very well have originated independently
rayım the dāh (AV dhehe) AV MS
ojo dehe hS ojo dhatta TS kis no mayt thehe VS TB ajome dak. (Jucha) AV I'S SB
balam dehr KS balam dhatta TS MS balam mayl thehz (AV me lah svāhā) AV VS TB
saho thay dhehr (AV me dàh svāhā ) AV IS TB
proruam dhehr (KS dehr) KS TA ApS See Conc in the vicinity of these
vdeam dheht (MS me dah) MS TA
annam me dehr (PB * dhehr) PB (hoth) LS Kaú, of note on Kaus 1364
dyur theht (KS dehr) KS TA ApS MS àyur me dāh (aväh ${ }^{\text {a }}$ ) AV VS MS SB TA ApS MS dyur mayn dhehz VS TS SB dyur me deht VS TS SB SS PG dyur me dhehr VSK TS KS KSA MS TB Aps fyur me dhatlum TB ApS
srotram dehi (TA dhehi) KS TA srotram mayn (KSA †mayi, not me) dhehe TS KSA frotram me dah AV MS
rakpur dehz (TA dhehi) KS TA caksur me dhehr (KS KSA dehi) VS K8 KSA SB cakpur mayı dheht TS caķ̧u me dich (svähd) AV MS
lejo mayn (AS me) dhehr (AS dehr) AV VS TS KS SB TB AS LS SG ApMB lejo me dhāh (AS dāh suähā) TA AS
varco mayı dhehr VS TS PB SB Aps varcu me dīh (TA dhäh) MS MS TA varco me dehz VS TS SB SS PG varco me dhehv VSK MS KS JB ApS varro asmasts thatta (AS dhehr) AV AS viram dhatta (AS viram me datta, MS ${ }^{\text {n }}$ no datta) prtarah AS ApS MS virän wah pilaro thalla ViDh virän me pilaro (latimahī, pratatàmahi) datta Kaú
ūrjam mayn dheht VS V'SK MS KS PB SB LS ApS MS urjam me theht (PB LS dehz) VSK TS KS PB GB TB Vait IS KS hrdisprk kratusprg varrodah (MS ${ }^{\circ} \mathrm{d}$ ha ası) MS AS

8104 Prose formulas of a somewhat less ample type continue the same style of variations without introducing any addinonal conteria of textual correctiness or prionty á̂ubhyām pradhīpaya (TA ${ }^{\circ}$ dripaya) MS TA apām opadhinuìn garbham dhah (MS garbham me däh) TS MS uthz dätre vocah VS TS SE adhi dhatre tocah MS KS cakßurdü varrodà varuvoldh TS varcorkhē narivorlhäh MS varcordn terviodih (TA vartvodo dravinodih) VS TS KS SB TA bhūs (alan, bhumas, and svas) t'ayı dadhämı (MG te dadàm) SB BrhU PG HG MG bhür bhwah suah sarvam tvayn dadhämı (MG svas te dadamı) SB BrhU PG MG
anddhrstah sidata sthaujaso (TS MS KS vidatorjasuattr) mahi kyntram (varcah) kşatrıyāyo dadhatīh (KS dadatīh) VS TS MS KS SB ıyam vah sф satyā eamdhäbhūd (MS samvag abhūd) yīm indrena same-

yam indrena samadadhom KS ydm indrena samdham samadhathdh (comm and some mss samadhattich) AV Where the noun samdhd occure, it guarantees connexion of the verb with the root dha. note that in MS KS it is replaced by sambag, but even so, samadadhvam may perhape be felt as from root dhd (Wackernagel Ip 128)
aztfto namahum ätmanam mi dudhe dydudprtheñbhydmi gopithdya (KS dydeuprthwyor ätmañam parz dude ) AV KS devir apo apam napād devebhyo devalra dhalla (VS SB dattn, KS dāta) VS TS ISS SB tam devebhyah áukrapebhyo düta MS puslapate cakpuße caksuh mmane smānam dehy armat MS pustipataye (AS "pate) pusize asmar punar dhehz (AS dhehz or deht suähü) AS ApS For smane mindnam see Bloomfield, AJP 21324
agner annado 'nnapalır mayı dadhätu (TB yajamā̀ūya dadãtu) SB TB KS Similarly mine other formulas with other gods [udgãter devayajanzm me dehz ث̧B Aps (Conc dhehz for ApS )]
¢105 The metrical variants bring in a larger number of texts, but offer little new evidence, only the familiar chronological relations of the various texts offer any basia for distinctions of priority, as when, in the first cases to be mentinned, we naturally assume that the RV is onginal
rayım derı̄ dadhïlu me AV räyo devī dadutı nah RV puramedhas (SV "dhasi) cut takuve rarain dit (SV dhait) RV SV duhy̧am dadhīist (KS dudī̀z, v I dudhēst) jüuase KV MS KS TB ApS cumabhyam datlīn (AV dhultam, but comm dutlīn) varınat ra manyuh RV AV - Ppp alao datlam
casulcyāya (lis ºdheyaya) vidhate mbhät RV KS ln RV vasadeya occure twice more, but no vasulheya
tato no dehr jivase HV TB ГГA tasya no dhehz juase AV SV Kaus tisro duthur (K'S dadur) devatīh samraranuih VS $\dagger$ (so for Cunc RV) 19 81b. MS KS TB The majonty are probably onginal
 remarke, HG is secondary or corrupt, the first pāda of the verse has paridhattu in all texta
mā no andhe tamasy antar adàt MS (properly emended by Kinauer to udhat, of $\$ 101$ ) md $s$ (Poona ed $m, s v$ ) amuans lamavy anlarädhah TA mosyatiam asmiñlarādhat MS $\dagger$ (corrupt)
 48 681, and Whitney's and Bloomfield's Tranalations
dhitū dadhätı (TS ApS ApMB dadátu) no raym AV TS MS $\dagger \mathrm{KS}$ ApS ApMB Kaus Sep § 106 , firet two variante dhritä darhätu (ApS daddlu) sumanayyaminah AV MS KS ApS indrena ma indryam dattam ojah. AV asmin nara indruyam dhatlam ojah TS Comm on AV and Ppp dhallam
āyur no dehr jïvase SG āyus te (AV āyur no) uzsuato dedhat AV TS
TA ApS AS HG BDh Cf rayım nodeh? $\$ 106$
räyas pozam rikztuse (AV ${ }^{\circ}$ TS MS KS As SS
isami ūrjam yajaminīya dhehl (V'ult dattuī, AV duhrām) AV VS TS MS KS SB Valt
lokamn astnar yanamulniya dehe (ML dheht) TS KSA ME
 doulatī ia a secnndary adaptation to dadatu in the next pàda asme dhehz (SV dehz) jätavedo mahz sravah RV SV VS TS MS KS
 The AV is undoubtedly secondary, but it is perhaps a little strodg to call it a 'corruption' (Whitney)
devebhyo (VS devänuint) bhügadā (TS ${ }^{\text {ad }}$ (hä) asal IS TS MS KS $\dagger$
 dhav!rdī) deratäsı (KS ${ }^{\circ}$ ¿̄̄bhyah) TS MS KS ApS'
$\$ 106$ In the preceding there sermed to be some reason for preferning one reading or the other In the following we find none, or so little as not to be worth noting

 ApMB In vanadts like this and the preceding, the occurreuce of a derivative of the root dhe in the context may be noted But us an argument for pnonty it may be a two-edged aword Does it indicate that the onginal verli, was dhí, or rather that an onginal dio was uttracted to $1 t$."
rayım no dehe jivase $S \mathbf{S}$ rayım no dhehz yajñıyamı MS Cf äyur no dehı Jinast, § 105
methìm agrur dadütu me (SMB dudhätn te) SMB ApMB, cf medhäm ta tulro dadnitu HG, medhim dhät dadaitu (RIK'h Scheftelowntz doulhaitis) me R\Kh VS
tasmai mā devīh paridhatteha sarce AV tasma no rlevih paridatteha
 SMB PG BDh Comm on AV also ddatteha, called by Whitney a better reading, of this we are less sure
tauya nu räsva ta ;ya no theht (AS dah) AV AS
jìvann eva prať tat te dadhämı (SMB dadämz) TA SMB $\dagger$ jūvann eva pratidatte dadimio MS
udno (AV ed iudhno, hut mas utno etc, Whitney tranel reads utno) divyasya no dhatah (TS KS dehi) AV TS MS KS Comm on AV thatra, explaining by dhehz (1)
mahz varcah ksatrıyäy dadhatīh (KS dadatīh, I's vanvämih) TS MS KS
$\$ 107$ Leaviug now the ronts $d \bar{d}$ and $\boldsymbol{l}$ hā, we come to other $d$ and $d h$ vanatione They are practically all lexical, or else involve dubious and probably corrupt readings But their very frequency, and the frequency of corruptiona between the two suunds in the mas, rertifies to the case with which they cunld be confused We begin witb a group in which the variant forme are atill farly cluae to one annther in external form, in the firgt they are even et ymologically equivalent, concerning divergent. forins of the desiderative of the root dabh This (onginally *dhabh) produces both $d h_{2 p}$. and $d i p s$, of which the first is histurically regular, while the second, tho analogical in origin (dabh), is the usual formi nendād yo asmin depaier (V'S SB dhepsiā) ca VS TS MS KS SB TA dhipspum vī samrakura jariebhyah MS aditsan và samjngara janebhyah TA Here dhips varies with the nerative desiderative of da (ef \$5 180,45 )
yfm te suadhuivan staduyantı dhenavah RV yam te suadīvan svadante gürtaynh RV The second vereion is inferior in sense and meter, ter RV'Rep un 85 7a and 849 5c
 asya AV Koots duand dhē
rajant (AV pd an rajum) granther dänamn (AS dhänam) AV AS V'at The emendation rajuunt 19 very pat, the paseage means 'the tying of a rops', and dhimim, like rajane, is nonsense
 RV AV SV See Whitney on AV 1811 and Geldner, Gurupüjĭhaumudĩ 20 SV has an obvious lect fac infected by ideas such as RV 5 of 5, uditibhth ive kiaye vrdhase, or RV 52.3 4, esu hisaycsu didith Geldner seemis to bave the right sense (wnth didhyānah)
yad banhuştham nātundhe (TB ${ }^{\circ}$ vide) sudñnū RV MS KS T'B AS Both readings make a sort of eense, TB comin mīlyarlam labhyam But the componnd attivid is not really Sanaknt, and is properly wanting in the lexicons However, oue ms of MS has inde
${ }^{2 n d r a}$ dartā (SV dhartd) puram asz RV SV AV The foolsh antonym of SV is disproved by RV $113010,3452,6203$
[dhamvodhamno rājan VS TS MS KS SB AS SŚ KS LS ApS MS MG So also mes on AV 783 2, emended by RWh to domno-dimno Whitney, Tranal, keeps the emendation, tho even Ppp has dh. But Keth on TS, 'from every rule' (ordinance), which 18 conaervative and possible At any rate there is no variant In the preceding verse also the AV mas have arrud dhdmannı muñcau, emended by RWh to dimant, the vanaut KS

$\S 108$ A little less close to each other are the roots und and $t_{\text {didh }}$, which exchange several timen, the 'Prakntic' exchange of $r$ and $z$ also comes in here In the first two variants ind is clearly original, in the last the precedence 18 less clear
 AY KS TB ApS Cf Conc under mà no uzdad (endan) hotravidah (RY ionda, TB ovilha) stomatastivis arkuih RV AV MS TB On hutrāved cf RV 58 3, hotrãurdh is not recorded
indrartubhır brahmanā vūırdhünah TB ApS indra róhubhır brahmanā samundānah SS
$\$ 109$ Remoter lexical varianto are the following syenanyeva dhrajato (MS KS dravatv) añkasam parz RV VS TS MS KS SB dravatah is a banal easing up of the poetic dhraj- with Syena, of RY 11652
avocdma kavaye medhyiaya RV VS TS MS pra vedhase havaye vedyaya (TB Aps MS medhyäya) RV KS TB ApS MŚ śruckurnàya havaye vedyāya AV KS ApS
āp а алmārи (MS md) mãtarah sundhayantu (AV MS liS rindayantu, TS ApS sundhantu) RV AV VS TS MS IKS SB AS ApS süd ${ }^{2}$ is evidently secondary Note that in AV 201361611 the word suildham of the vulgate is based un mas readings sudam and funam (Whitney, Index)
tam tuä bhritarah suvfdho (HG suhydo, AV suvidhiè) tardhamūnam AV ApMB HG suvidhai varilh', 'growing with good growth', is original In HG there is a shipshod assmilation in sense to bhrätarah ('brothers, friends')
spardhante dhiyah (TS KSA duah) vïrye ma (SV süre na, TS KSA $\dagger$ siōryena) unsah RV SV TS KSA In RV, 'Pinus thoughts (prayers) vie for him (Soma) as people (ne for) the sun,' poetic but intelligible, ia done over in TS KSA, into 'The people of the
aky vie with the sun (seated on Soma as on a steed)' So at least the TS camm, followed by Kerth, this however imples emendathon of the accent of dernh to devah (ignored by them) If correct, this concept 18 otherwise apparently unknown, and it is atrange that it supplants the familiar notiod of 'conflicting prayery' (Bloomfield, Acte 14th Congrese Onentahuts 242ff, or Johrw Hopkens Circulars 25 1ff) The whole verse is obscure
\$110 The reat arc obecure if not corrupt
apa snehtī (KS ms strhitı, em v Schroeder, SV snihitım) nrmanā adhatta (SV adhad rah [8n divide], KS $\dagger$ nfmanam adadhram) RV AV SV KS upa wluhe lam nrmnim (Poond ed snuht tam nrmarām) athadrām TA - KupS reads snehtii trmanäm athamdri In KV 'He, the heroically minded, drove awsy the enemmes' Cf 1742 Benfey takes adhad as aonat of dha, and rah as 'nches' The TA conım underetands snuhz as bhūmaz prafrāvaya (root snu), and glosses athadràm by adhodravanasilam (v 1 atho ${ }^{\circ}$, as if atha $=$ adha.s $+d_{\text {In }}{ }^{-1}$ ) Why these territile readinge instead of the ample version of RV ?
arugaso aitham th samksayema TB unaga :o yathä sadam zt cam kzıyema Valt Comm on TB adham id, anantaram eva, but no adverb udham in otherwise known It seems to be a nonce-formationadhä by proportional analngy, on 3 pattern such as sadā satain adhe wham, note that the TB comm asgigns to it the ineanong of sadan, 'alwaye' Cf VVIp 195
upākplam inkamanam yad asthat (MS sadhasthnt, v 1 ind asthat) AV TS KS MS If sathasthit is more than a blunder it must depend on upaktatn 'fetohed from home' or the like
vamí ravantı dhrsatī (MS niss dhryadià and driada) rujantah RV TS JB SB MS See $\$ 60$
ud miniam wa yemure RV SV TS KB N ürdhuan kham wa menıre Mbh
adhai msitah pitum addhi pricsitah KS adumadam aninam adthe pramuktah AV And others, §R70 adomadam is obscure, we susplect. that. it containe ados (pronoun)
[tayī madnntah sadhamidyesu (RVKh VS sadhamèdesu) RVKh VS MS KS TB And othere, §325 Scheftelowitz prints ${ }^{\text {a mädhyesu }}$ in RVKh, but his ms "madyesul

$$
p \text { and } p h
$$

\$111 Only in the synonymous roots gusp and quiph Aspiration in the latter may be somehow connected with abilation in gusp. but the
relation 18 obscured by other forms such as guph, gumph (Whitney, Roots), see Bloomfield, Hymns of the AV 338, top, where gusitam SB 32220 is a misprint of that text mano yad asya gusprtam (ApS gulphitam) MS ApS yad asya gufpitam (ApS gulphiturn) hrdi MS ApS uzsane vi sya guspitam (anme mes and comm gulphtam) AV

## $p$ and $6 h$

$\$ 112$ These soundy vary chefly in mone-worda of nearly synonymous meanings most commonly the routa $p r$ and bhr, in the meanings 'preserve' and 'support' In AV $3 \mathbf{5} 4 \mathrm{c}$ tam prıyāsam buhu rocaminah, we must read bhreyösam with Whitney manas tanüu bibhratah (TB• ApS * LS pipratah) RV VS TB LS ApS Kans Both readinge in TB ApS
 ms of $\widehat{S} p_{2} p a r l$, which should perhaps be read even in that text tam piprhe datanuisyo 'ntar udare SG tam mute dasa maso bibhartu ApMB HG
a tol rīisträya subhrtam bibhartu AV 13 l Id, Ppp according to Roth piparts for $b_{2}{ }^{\circ}$, which numat be secondary if Ppp has subhrtam ay andicated by Roth'a silence This is just the converge of the
following, which concerns three paidas of $A V^{\prime} 11 ;$ ( $1 \mathrm{~d}, 2 \mathrm{e}, 4 \mathrm{~d}$ )
sa äciryam lapasà pipartl (Ppp bobhartı).

sramena loküns tapaiai pipartı (Ppp hibharti), all AV and Ppp
$\delta 113$ There are alao two interchanges of the partly symomyous roota yup and labh, the former being original both times, spe Bloonifirld, AJP 12 414f
siamyopayantoduritinz vesrā RV MG samlobhayarto duritīpadānı Al ayupití (ApS alubhita, and nace dyupitī ly masnnt, see Frrata to Vol 2) yomh MS ApS MS

## §114 Finally two miscellancous cuses

agner ghvāst suhūr (VSK T'S TB rubhūr, kS supūr) detebhyah (TS TB devinim! VS VSK TS KS TB SB SS suhū. 'callang entıcingly, fits ghvä beat
yā sarasvatī untsumbhalyā (ApS ${ }^{\circ} b a l y \bar{a}$, vv $11{ }^{\circ} p h a l y \bar{a},{ }^{\circ}$ bhalyā)
TB ApS The true form, denvation, and meaning of this epithet are unknown TB comm hay a fatuons explanation

## abpirate muted and H

§115 That there was in Vedic tures, as in Praknt, a tendency to reduce aspirates to $h$ is indicated eg by Wackernagel $1 \$ 218$ Nearly all our cases concern bh and $h$, and a majonty of theae, again, the single root grah (grabh) Any rule as to early phonetic interchange between these two forms of the root (Wackernagel, $1 \mathrm{c}, \mathrm{p}$ 252) is cheerfully neglected The same schoul or the sarne text will use grabh in onc place and grah in another, under like conditions The popular texts, AV and moat of the Grhya Sütras, aeem to like grah a little better, but they are not consistent, they are merely moving in the direction of Claysical Sanskrit, with which they are in other respects more closely affilated than the hieratic language Perhaps the same preference may be discernible in TS and IVS RV and uther arehaizing texta-seemingly nocluding VS, MS, SB and Ap.MB -und the RV aūtras prefer grabh un the whole But really the nonestable factor is inconasistency

## $b h$ and $h$

§116 We begin with bh and $h$, which includes grah grabh and with it. Dearly all that mag have historical algntficance Firgt, grah and grabh prbhnämz (AV HG grhnämı) te suublayatvàya (ApMB HG suprojästväya) hastam RV' AV AG SG SMB PC HG dpMB MG jagrhmä (RV jagrbhmá, 'TB jagrbhnījtedakimnam indra hastam RV SV MS TB Svidh In V'V I p 252 we have suggested that the furm jagrbhnā (coinma vayam grhitarantah) may have been a lat person subjunctive [ln the ins of thas section Bloomfield wrotc 'If this startling form 18 mure than an uld and inexplicable blunder, it. serms to contain disennalation of in to $n$ ufter the labial aspirate ' I myself am now inclined to anc in it only a sort of confused blendforin, juybbimi (in which -mis is the 1 st plural ending) of RV is stupidly altered to $-m$ in with thought of the preaent infix in forme like grbh-nii-l -F F:
na hy asyā (ApMB asıyar) nāma grbhnim. RV ApMB naht te nāma jagriha AV
 vantí (AG ApMB HG MG ${ }^{\circ} t i \bar{i}$ te) hastam agrabhit (AV SMB MG $\left.{ }^{3} h u \bar{u}\right) \mathrm{AV}$ AG SG SMB ApMB HG MG devas te santū havtam gronatı AV
2dam rodhah pratı orbhnithy (JB grhnihy) añgırah AV GB JB SS bhagas te hanitam agrabhit (AV ${ }^{\circ}$ hit) AV' SG Ap.MB
agnif te hastamn agrabhït (SMB ${ }^{\circ} h t i$ ) SMB ApMB HG aryama (ApMB ${ }^{\circ} m A$ te) hastam agrabhü (SMB $\left.{ }^{\circ} h i t\right)$ SG SMB ApMB osadhayah prati grbhnila (TS KS orhnitägnim elam, MS MS grbhniugnim elam) VS VSK TS MS KS EBB MS
nakam grbhnanah (TS KS grh ${ }^{\circ}$ ) suktlasya loke VS TS MS KS SB agne brahma grbhnīpa (MS MS grhnisva, KS orhisva) VS MS KS SB MS
apo devir (VS SB devā) madhumadir agrhnan (MS KS agrbhraim, VS SB agrbhnan) VS TS MS KS SB ApS
apo devih pratugrbhnita (TS KS ApS $\dagger^{\circ}$ orhnita) bhasmatal VS TS MS KS SB ApS MS
devo wah santā hzranyaparizh pratı (MS MS ${ }^{\circ}$ pānır upa) orhnätu(VS SB pratzgrbhncty , V'SK ivah savith pratigrhnstu ) VS VSK TS MS KS SB TB ApS MS
adites te (VS MS SB ${ }^{\text {Th }}$ te) bilam orhnitu (VS MS SB grbh ${ }^{\circ}$ ) VS TS MS KS SB TA ApS
tam vo orhrodmy (MS tam te grbhndmy) utlamam VS TS MS KS SB TA
prall grhndmi (MS TB $\dagger \mathrm{AS}$ grbh ${ }^{\circ}$ ) mahate virynya (MS KS mahata indryfya) MS KS TB AS - TB Poona ed text and comm $g r_{b} h^{\circ}$
yasya yonzm patireto grbhaya (HG pratı reto grhäna) SG HG vy acya yontin prate retig grkäna ApMB
§117 The game variation ocenirs in the independent but apiositically synonymons roots bhr and $h_{f}$, without other motive than the elose smularity in sound The first two varianta in $\$ 118$ belong also here parapuro nipuro ye bharant, (MS har ${ }^{\circ}$ ) AV VS ŚB AS SS Apś MS SMB
rderim-rdertın (VS SB * ahar-ahar, AV TS rälrım:-rãtrımı) aprayāvam bharantah AV VS TS MS KS SB (buth) ahar-ahar balim it te harantah AV
sarma varmedam is bhara ApMB farma varmatlad a hara AV mynuh sambhriyamänah VS visrur upàvahrıyamanah TS pranupāraübhyäm bularn ähararıll (ApMB äbhar ${ }^{\circ}$ ) SMB ApMB (Other forms, see Conc)
8118 Next come a number of shifts between the participles -hita (-dhita) and -bhta (-hrta, of preceding) Tho quasi-Prakritic as regards both vowel and consonant change, this variation really conceras approximate aynonyms Cf also-dhita bhrta, $\$ 175$
hirarye 'smin samīhitâh (HG samäbhrtâh) RVKh HG ApMB Scheftelowitz reads \%htah in RVKh
devir devarh samährtal. (TB obhrliah) SV TB devair devih samāhtäh RVKh But Scheftelowitz, bere also, reads ${ }^{\circ} h \boldsymbol{l}$ loh for RVKh, if thig is nght the vanant belongs in the precedung paragraph alone gandharvo dhāma ubbrtam guhà sat VS gan nama nihilam guháou TA Maband And others, $\$ 855$
suiryarabbnım samäbhrtum TS TB süryañ ( $\mathbf{p}$ p "ynll) sukran samabhrlam MS aurye santam (KS TA sukram) sarnähitam (KS TA ${ }^{\circ}$ bhylumn) VS KS SB TA
yad agre puirvam prabhrtam ( $\Lambda S$ jurahılam, MS nihztam) padam hi te TB ApS AS MS
$\oint 119$ Next we group together a number of cases in which denvatives of the root bhū vary with others from hī add hu All are ntualistic epithets compounded with su- or sva-, and in auch language these epithets are very nearly interchangeable, one does about as well us another
agner jıhuäsı suhūrr (nubhū̃r, supūr) derebhyah (devānām), see §114 okayä ra rlasabhzs ca suabiüte (AY rī suchüte) AV VS MS SB TA AS
is According to Roth Ppp has ca bhute, evidently intending cī suabhüle, whech is presumably ongmal Vayu 19 addressed à tıā subhava ( AB AS suhnua) sūryūya AB KB SB AS SS
samudram na suhuvam (AV subhivias, T'B Poona ed suhuvam) tasthrvīnsam AV T'R ApS mahisam nah subhyam tuxthuminaam MS AVPpp reada as MS except subhana, for which Barret, JAOS 35 46, reads subhuwa: The root hus misy be concerned here, despite TB cornm (sıkhenihuälum \{ahyam)
suhutakrtah stha AS subhülakfles stha ApS subhütakrtah subhülam muh hrmutu SS
$\$ 120$ In two cases-bealdes the grah grabh variants-the identical word, or a derivative of the same root, appeara with bh and $h$
kahubhum (V'SK TS ApS kuhuham) rūpan vrsibhasyu (K'S rūpant Ts ${ }^{\circ}$ ) rocate brhat (VSK brhan) VS VSK TS MS KS SB (pratikas, ApS MS ) -kuhuha occurs already in RV, which does not know Lakubhn Cf $\$ 23$
apam gambhan sida V'S SB KŚ upām gambhiram gacha KS ApS apüm luã gahman sādaqūmı MS MS
$\delta 121$ Miscellaneous cases
brährnanebhyo hy anujū̄̄̀̄̄ (TA 'bhyanu') TA MahānU hl (a)bhı asambhavyam (JB asamheyam, perhups for asamkhyeyam) paräbhavan AV JB
abhz dyumnam (RV VS sumnani) devabhaklam yavisthu (MS KS devithtuin yavothya) RV VS TS MS KS AyMB
ndbhunfte (MS KS ruabhrdhrpe) tanud (TS lanuwā) jarbhuränah (TS MS KS jarhrsanah) RV VS TS MS Ks SB
asmãn (MS KB asman) u devē avald haveş (MS KS bharesv d) RV SV VS TS MS KS asman devāso $\dagger$ 'rald havepu AV'

## $d h$ and $h$

§122 Here we find only a few vananta They are partly based on familiar phonetic alternates (imperative ending $\mathrm{dh}_{2} h_{2}$, participle hita dhata), partly on lexical changes
 SB Cf Wackernagel Ip 253
usnena vāya (ApMB vayav) udakenehi (SMB GG ${ }^{\circ}$ navdhı, MG wiyur udakenet) AV AG SMB GG PG ApMB MG thr efthe, both regular, the latter obviously secondary
upasthe suma ähilah (ApMB ädhılah) RV AV ApMB MG Note archasam in ApMB
ye thakpayanto ma vasūny äncthuh (TS änchuh, MS änakuh) AV TS
MS Whitney (Rools) rubricates Euthut under arh The obscurity of the passage makea it impussible to say whether this is right or whether it is a phonetic form of innrdhuh, see. What ney's note on AV 2351 and Keıth on TS 3283
 TS KSA Von Schroeder emiends to vïrdhrï, queationably, see Edgerton, Studies in Honor of Hermain Collitz 28, and above \$23
 hrsituiso marutvan AV Three niss of AV dhrithisio, Ppp ma riamanüso rsiadia, for which Barret, JAOS 35 59f, reid三 thriatä The form hrsit 13 obvolusly suggested by the preceding harsa ${ }^{\circ}$
 VS VSK TS KS SB MS

## $g h$ and $h$

§123 We find only a few cazes, which seem on the whole to concern phonetic reduction of gh to $h$
arghah HG arghyam SS HG arghyam bhoh Kaue arhaniyd apah ApG See §321, end arh $=$ argh
ä̈ghäror (SS anhärır, all mesa) ast bambhäřh VS TS MS KS PB SS LS The word is obscure, but SS looks like a phonetic reduction

(KS vīryāvantam bahuargham fobhamdnam) TS KS sumatikrayna somam le krīnäni mahāniam bahvarham bahu fobhamānam MS tam ghed agner vrdhduatz RV TS tam hed agner vidhatatz MS Particles gha and ha
tiram hi (read aviraghri") viravatah suseva MG aviraghno (ApMB $\dagger$
 AS ApS SG HG ApMB

## $k h$ and $h$

§124 Only one real variant, which concerns an onomatopoetic pord mintating the sound of a frog With this of anambhavyam (JB axamheyum) paräbhuman AV JB, where ayanheyam may be for anamkhyeyam, sce $\$ 121$
khanuahhā3z khatmakhỉı madhye turlurt AV harmahnis haımahā3 KS Cf haımahn3 zdam madhe SS LS ApS

## CHAPTER IV INTERCHANGES OF THE MUTE SERIES

## 1 Guttirala and palatala

§126 Interchange between gutturals and palatale is of apecial interest, because both go lack to identical IE sounds, namely velars or labio-velars, with the exception of the voiceless aspirates which are pecular The general rule that palatala appear hefore IE $e, \bar{e}, z, \bar{y}$, and $y$, much disturbed by analogies even in established words and clasees of wordn, is atill further rendered unstable by the more uporadic forms that moatly appear among the vananta Eapecially VSK affecta forma like tunakmi for tunacmi, yınagniz for yunajmı ( 88127,131 ), etc It may be observed that in these particular formy VSK is histoncally regular, the variant forms being analogical But ance VSK also replaceas with $g$ before $m$ when 129 an IE palatal, which should never appear as $g$, it is unlikely that it here preserves unchanged a real prehistoric form Rat her we are dealing with a serondary mint ter of sthool oddity Wackernagel, I 88119 f , eapecially 121 f , deala fully and ably with the leading aspects of the interrelation of these sounds

$$
k \text { and } c
$$

$\$ 126$ The vananta are not numerous They occur occasionally in the same word, but inore often in words which, while not identical, are available for interchange because of greater or leas aemantic proximity Thus, first, in two derivatives of the root at samáram ceto abhusammsadhvam (TB keto abhrsumrabhadhvam) AV TB ä no apne sucetunã (TB ApS suketurầ) RV SV MS TB AS SS ApS
 cetas and keta, both of which are hatorically regular TB comum sahavisasichanam, the meaning of the Classical Reta (perhapa from cz, 'pile', rather than atl) 'The form -hetu of the aecond inatance 18 (to be sure with different meaningu) commoner aud more primary than -retu, patterned after the prevalent $c$ forins of the root Cf Wackernagel I p 146, and further Oldenberg on RV 5684 , Neiser, ZWbeh d $R V$, a $\mathbf{v}$ ketiund Yet the reading suketurad 13 evidently aecondary
soküt (TS socalt) prthzyá uta vā divá pari VS TS MS KS SB sorät is á $\pi$ hey and analogical
kanikhurad wa sapayan TB canikhudad yathasapam AS c- is agan analogical, for the intenaive reduplication see Wackeraagel I p 147 yalrazlón (V'S ApMB inōn) vetha nıhztāt parāke (SMB parícah) VS AG Kaus S.MB ApMB HG MG pard $(\bar{n}) \mathrm{c}$ - and ita extension pardk-a-
nū cut (SV nakh) sa dabhyale janah RV SV ctt is, pf course, in ongin the regular neuter to the stem $k a$-, but equally of course no conachoumess of this relationahip can have been present at the tune when this vanation occurred
atho adhivekartanam (ApMB ${ }^{\circ}$ cartanam) RV AV ApMB Here the two roots are unrelated $k_{T} l$ 'cut' and crl 'tie' In both the imitial sound has been generalized (Wackernagel I p 145) The primary reading of this variant was 'cutting off', the secondary, 'untying' ımıa udvānikārına TB ApS ımā uddhüsıcārina MS See §59 The MS reading is secondary and poor, it is felt as contaning root car, as againat the oniginal $k r$
\$127 In a class by teself is the curious phonetic treatment of an establuhed rootending r a $k$ before $m$ in VSK, yee § $\$ 25$
ındrasiga (MS MS ınelrūya) tè̄̆ bhägam somena tarucmi (VSI tanakmi, MS MS somenätanacmi) VS VSK KS SB somercatod taracmindrdya dadhi TS TB ApS

$$
g \text { and } c
$$

8128 An isolated case concerming unrelated words, the majonty reading with $c 1 s$ presumably oniginal
 cäbhyägüre) AG PG ApMB MG

## $k$ and ch

\$128a An solated lexical variant
chavim (KSA †kavin) chavya TS KSA The latter 18 doubtlegr onginal, assimilation to the next word in TS, resulting in absurd repetition of the same stemı

## $k h$ and $c h$

§129 Two variants contain forms of khed and ched, identified by Haug, ZDMG 7 517, and heytatingly by Uhlenbeck, Etym R'brh Wackernagel however (I $\delta \delta 121,131$ ), with most acholara tho agannst Brugmann, demes any hatoric connexion between kh and ch See his references §131b, end, and cf Guntert, Reqmuortbildungen 23, 32
yalah (MS yena) prajā akhtrāa (MS achzdrā) ajayanta
TS MS Ks akhıdräh (ApS aghorah) prajā abhevpasya KS ApS achennapalrah (MS ${ }^{\text {trah }}$ ) prajd anurkpasva VS MS SB

## $g$ and $)$

§130 The dietinction hetween the two kinds of Sansknt) (Wackernagel I 88120, 1364f) 18 auch that $j$ from IE palatal $g$ should properly never vary with $g$, wheress $J$ of the velar (lahio-velar) aeries should appear only before IF $e, \bar{e}, i, \bar{i}, y$ Nevertheleas $j$ from palatal $g$ produces analogically anone $y$ forms (Wack §138), and the velar voiced sound at the end of roote before consonantal endings (usually $m$ and $v$ ) 18 regularly treated as $\}$ (Wack §130c) The vananta regard all hastonc distinetions of this eort little or not at all
$\delta 131$ To begin with, VSK as we have remarked (and in one case SV ) ahows $g$ for $j$ before $m(\$ 125,127)$ This apphes equally to hoth kinds of $j$ (root $y u_{j}$ with velar, roite mifj and sfj with palatal)
 ISK TS MS KS SB TB Aps MS
 KS ApS MS
aunisomübhyān justam m yunajmi (VSK ${ }^{\text {cymi }}$ ) VS VSK SB pā̀ıram tvā vājedhyayaı (TS saputravaham, KS vājın vājayatyãyaz) sam märymi (VSK ${ }^{\circ} \mathrm{gma}$ ) VS FSK TS KS SB
 sam märjmi (VSK ${ }^{\circ} \mathrm{gmi}$ ) VS VSK TS KS Correeponding formulas of other achoole ull mith mirjmit, see Conc under tiju thi upu toü kimain mahah suvfjmahe RV AV upa teí kama imiahe sasfomahe SV
§132 Bealdes the above, denvativea of the ronta $y$ uj and sif show each a couple of vanationa between $g$ and $J$
hınviño mānusa yugià (SV yujā) RV SV
 davam manuşā yuji MS The SV form of the first vanant may be taken with Benfey as instruinental from rnot-etem $y$ ing In this case botb are phonetically normal, as the RV has a neuter plural of yuga (ef Wackernagel I $\$ 128 \mathrm{a}$, d) In the aecond case also MS may have an adverbial inatrumental
distĩyu rajuusarjam (TB ${ }^{\text {anargam }}$ ) VS TB
 MS TB AS † 214 12r [ala in Conc under idam no deva pratihurya
 'rope-maker' (TB comm rajrindm stastăram), and the vocaliam of the radical syllable pounte to an $a$-titem Since $a$-stems from roots un velar $J$ tend to have $g$ (Wackernagel §128a), the root $\delta \boldsymbol{\sigma} \boldsymbol{j}$ 18 carried away with the reat, of the familar nomen actionis sarga The 'histoncally correct' sarja, occurning here alone, may therefore be secondary On st] arg see Wackernagel I pp 173f, 329 In the aecond vanant sp before 3 might atand for spt, of below, $\$ 142$, brahman tuam ast visivaste ( ${ }^{\circ} \quad$ tok)
$\$ 133$ Once an intenave reduplication vance between $g$ and $\jmath$, of the same with $k$ and $c, \$ 126$, kanihhunail etc
nı galyalītı dhärakē VS SB mi jalyulit̀ (KSA † mes jalgalütı, ed em jalgatūtı) dhinnihā TS KSA
\$134 The rest concern mesellaneous words of independent ongn $\dagger p r a j$ íamasy agratah HG pragiynimasy agralah PG ApMB pragäynimy avyiogratah MG Verb fnrme of pra-gaz und pra-jan, the latter obviously secondary, but found in other places besides HG , aee Kirste's note
 gerā mith RV Since j!/ī la unacceated, Benfey posits a verb-form ''potential optative') of root $j 1$, with lose of tinal $m$, for " jyīm $=$ * jurim Very dubıous
apa (AV ava) suta padē jahr AV AG SG PG Ap.MB HG apah (most inss apa) sretapad agah (so :lll mss) MG See $\$ 817$ punar brahmiño (AV brahma) i.asunitha ( ${ }^{\circ}$ riltir, ${ }^{0}$ dhitam, ${ }^{\circ}$ dhite) yajnaıh (AV MS KS *agne) At' IS TS MS KS (braj SB See $\$ 93$

## 2 Gittierale and Lingulala

§136 A single atray variant concerning obscure forms in $k$ and $d$ ̧ekné ra sasarama\{añinas ra HG tehas ca asaramatandas ca ApMB See $\$ 165$

## 3 Guttcrals and Dentals

§136 The vanationa between gutturals and dentals are intereating, but none too numerons and for the inost p.art difficult or duhous To some extent they concern final consonants, in onc of these cases the ultimate root concerned has a palatal ending, and the variation is rcally one of sandhi The majority of guttural-dental variants are levical in character, often the change is in conconant combinations, againbinging in (this tume internal) sandtu or assimilation

## $k$ and $t$

g1s7 We begn with lexical vanants, where we find firat the absolutely equivalent rume-roota stabh and skabh, see Bloomfield, IF 4 74ff, Guntert, Reimwortbildungen 26ff Among the vanants, RV alwaya has stabh, while AV prefers akabh jagatd sindhum divy astabhiyat (AV aska${ }^{\circ}$ ) RV AV mahen mahī astabhoynd (AV KS $\dagger a s k a^{\circ}$ ) vi jälah AV TS KS AB AS yam krandasì avesā tastubhane (AV avatas caskaº RV AV VS VSK

TS ya ıme dijävaprthivi tastabhane MS KS AVPpp (Barrct, $J A O S 3544 f$ )
oy astabhra (YS SB askaㅁ, MS aska ${ }^{\circ}$, KS asta${ }^{\circ}$, TS askabhrad, TA aspabhndd) rodani monav ( ${ }^{\circ}$ na, ${ }^{\circ}$ nur) ete RV VS VSK TS MS KS SB TA
duvam skabhana KS dyfam stabhuina KS
8138 There are few other cases in which $k$ and $\ell$, not final, exchange in a purely lexical or cornipt fashion
stuhz süram vajnizain apratikum (TB aprattam) MS TB The Bibl Ind ed of TB has upratuttam, but comm and Poona ed text correctly, apratitam, 'invincible' MS has a mere blunder
avanyäns tantūn hirato dhatto anyān TB proinyi tantūns tirate dhatle anyd AV See Whitney on AV 10742
purāa jatrubhya (TA ApMB jartfbhya, MS cakfbhya, p p vaktothyah') atrdah (MS ${ }^{\circ} d a$ ) RV AV SV MS PB TA KS ApMB See $\$ 57$ ugro (HG ürdhvo, MG agne) vnrājann (MG ${ }^{0}$ jam) apa (MG upa-) sedha (AV थrñkiva) jatrūn (MG sakram) AV ApMB HG MG
§139 Next a group of cases in wbich the combination $\|$ varies with ht (and urcastunally with nther roosonants before $t$ ), of \$416, to which all these vanients also belong
«̌ no rāstram unathı payasá stena TB sam te rāstrann anaktu payasā ghoteria AV For v-unathin of RV 1164 47, 5838 , for samanakiu, RV 10884,1184 The variation is lexical, hardly phonetie
devarr nyuptí (KS muttā, AV uhtī) vyaaarpo mahtetuā (AV 'itvam) AV KS ApS MS 'Cast forth (KS umpelled, AV spoken') by the gods thou (carth) hast spread out greatly (to greataess)' Ppp reada mahitvä, and also sTstd for uhtā, seemingly an ancient gloss which states in plan language what all the texts really mean
anyñ̀n zche prtrsadam vyaktām (ApMB villim) RV ApMB jāmım acha pitrsadam nyaktam (read itim) AV Here the asamulated fonn of ApMB (with samprasārana) is clearly secondary
sarvan it tan anu vidur massothah RV aanvam uktam anumdur vassisthah
JB A more drastic reconstruction or Verballhoraung in JB tha prasallo (AV prasakto, TB prasapto) un cayal kftam rah RV AV MS TB prasapto (comm prakarsena samagatah san, es if from pra-sip with Prakntic a for $r$ ) bas no standing AV, tho also secondary, makes far aense, 'attached', RV probably 'gracious', in the sense of the later prasanna
ninklyar (TB vivatyaz, read with Poona ed vivilyar) kgattiram VS TB nuktyar, 'for discemment', 18 certamly onginal TB commi indesa-lishbibhemininyar but the form of root ved is isolated if in be regarded as the preposition, and anomalous of it be taken as reduplication
dhatuh katkajah (KSA kalkatah) TS KS Onginal form unknown, VS 2432 has kakkała
avımuktasakra (v $1{ }^{\text {ºnā }}$ ) āsíran PG unvtlaraktāāsinàh HG ApMB
$\$ 140$ There are also several cases of vamation between ks and ts , reminding us of the fact that both these combinations become ch in the Middle Indic langurges, and to some extent in Vedic dialecta, see below, \$8183f These vananta indeed really belong in that chapter, they manufeatly concern the pronunciation of hoth combinations as something verging on ch In five out of ax casea the writing with $k$ (thnce in $S V$, once in AV, once in MS ) is secondary, and in three it is more or leas foolish, $f$ not utterly uninterpretable efpanam prtsu (SV prkßu) sāsahim RV AV SV Here only prtsu, 'in battlea', can be meant, 'in delights' (root prc) is ally
yat le ditsu (SV dikı̣u) prarädhyam RV SV The RV has a nom ag neut of a desaderative adjective from dē, agreeing with manas SV clearly secondary and poor (Benfey, 'in aller Welt')
yod ditsanz (SV yac chikyaiz) starate mänute vavu RV SV In this case the two forms are practically aynonyms, $z_{2}$ kseyam and ditseyum together in RV 814 2, a sumular pussage RV 1812 nonim (AV agnth) sraco adhvaresu prayalsu (AV prayaksu) AV VS TS MS KS Cf prayaty adhvare, familar formula in RV at the ends of pādas ( $R V R_{\epsilon p} 660$ ) Wackernagel I §156a, note, erroneously suggests that prayalıu muy be for prayal..u = prayahju (pra-yaj), but the form does not really construe The hymn AV 5 27, with ity miserable corruptions (Blonmfield, Atharaweda 54), does not. call for any serious treatment of prayakyu (the pp leaves it undivided), it is, like inost of the $S V$ readings with $k_{s}$ for $t$, a phonetic blunder for prayatise
drton (MS dyukpi) sarod osadhih RV VS TS MS KS Roots a-rd. ä-yuj
prdsmin ava prtanaisu pra viksu (TB yutsu) RV TB Here, of course, $k_{\&} 18$ onginal, yutsu iн auggeated by prlanasu
5141 There 18 also one isolated anomaly in which $k n 18$ aubstituted for in, somewhat as in the preceding Here too kn seems to be a phonetic vanant or hlunder, based merely on amilarity of the sound combinations
 read unvitse with Pouna ed text and comm) RV TB tādiknī is repeated in the comm (Poona ed), which glosses tädrsän' It aeems that it must mean simiply coditna
$\$ 142$ Finally, a few casea of interchange between $k$ and $t$ final All concern the enda of püdrs Two concern adverbal formis in $-k$ from añe stema, a third is amply a matter of external aandhi anamitrain no adharät (KS ${ }^{\circ} \mathrm{r} u \bar{k}$, VSK me †alharāk) AV VSIK KS Equivalent adverbs, one abl of adhara, the other acc neut of udharūñc The same parr sonantized, below, $\S 145$, ollaräd adhariod ( ${ }^{\text {ºàg à à purastat }}$
lad unpro abraind udak (SS u tat) AV SS See $\$ 65$
brahmant (MahānU brahman) tuam asit insuasift (MahānU ${ }^{0}$ sflc) TA Mahand There ie a v 1 ajp in TA, and as the next sentence begins with $t$, the variant may be graphic Posalily, however, art misy be for sti by dissimilatory anfluence of the lingual vowel $r$, of Wackernagel I \$156n, note, and as regards the final treatment of this ront in general, $\$ 149 \mathrm{a}$, a [Delete brahina tuam asz cte in Conc 1
samyak (TS MS TAA ApS * MS sam ut, KS * sarit) sravant sarito nu dhenih RV VS TS MS KS SB TAA KS ApS MS See $\$ 830$ sarasvati teī muphavann abhisnak (TB ApS abhīgnäl) RV AV VS MS KS SB TB ApS Altho TB comm fatuously glosses by bhes ajyatu, abhīznāt (abhz + rpnaimi) 18 doubtless an independent lexicul word, 'inspire', into which the phonetic relation of $k t$ entera as a factor While abhisnakis $\mathrm{a}_{\pi} \lambda_{\mathrm{\lambda}} \mathrm{f}$, the word, as well as the treatinent of its final consonant (Wackernagel I §138), is primary
Note also yais bhagas ca má rısad MG 19 27c, where Knauer reporta that practically all his mas point to rasak as the true reading, of comrae it must mean the aame as risal Cf Wackernagel I §260a, $\beta$, small pnnt, §277a

Cf also AV 1 18 2a nir aranim sauta sĩusal padoh, so the vulgate,
but all mes adizpak, retaned by SPP and approved by Whitney, aee Whitney, Grammar 151a, and the preceding vanant According to Whitney, the comm and Ppp both have aōupat The asme form occurs in the VSK veraion of the following, on the subject of final $k t$ see most recently Renou, Ehrengabe fur Wilhelm Geiger 163'sn, Oertel, ibnd 137, and our $\$ 272 \mathrm{a}$, na me tad etc , our $\$ 145$, and abhisyak for ${ }^{\circ} \mathrm{sya}$, PG 31 3b (VV $1 \mu 242$, 1 nfra )
tasyim no devah (MS taxyām devah) savela dharmain (VS $\dagger \mathrm{VSK} \dagger \mathrm{TS} \dagger$

The next 18 an error of the Conc
[trived yad bhuvanasya rathavit TB ApS trived bhuvanarn yad rathavrk KS Conc, but read rathavit, text ${ }^{\circ} \mathrm{u}_{\mathrm{rj}}$ jivo- ]

## $2 h$ and $t$

\$143 In the angle variant following, PG has a corruption, due to assumilation to the word sakhyäni in the following, Stenzler on PG 2 1112 translatea the AS reading See his note there, and bis entical note
pari sutyasya dharmanie (PG sukhyasyu dharmanah) AS PG

## $g$ and d

§144 Fixcept final, this interchange wemins in only a few atryy variants Tbe Grat may posably contan a phonetic confusion or assimulation
à galdà dhamaninān (ApS galgā dhavanimim) ApS MS N galgã is undoubtedly aecondary (by assimulation to the preceding ga- $\%$ ), galdit is Rigvedic (8 1 20), hut neveriheless obacure Paschel, 1 St 184 , and $K^{-1} 41$ 183ff, dizcusses the word whthout knowing the full stanza in ApS MS After himinany others, see Oldenberg, Nuten, on 8120 The following riurd in ApS is also a phonetic corruption for dhaminimīn, dee $£ 225$ Caland leaves the päda untranslated
yad annain admı (PrānāgU ngnzr) bahulhni virüphan (etc, \$619) AV TA PrūnāgU
 of unknown etymology
rulras (MS uyras) innticaro ufsi TB ApS MS GG KhG
marudbhir ugrā ahrnīyamänäh AV marudbhi rudrāh samajānatübhz TS Whitney considera uqrāa corruption for rudrā āaminn (KS a sim) ugrā (MS a samudra) aruryavuh TS MS KS ApS In an ubscure ntual versc, MS doubtiless a lect fac
[145 In the rest the sounds are final (enther absolutely, or before pads endigge), as under $k t$ ( $\$ 142$ ), matters of external sandhi seem to some extent movolved But it 18 hard to isolate or define the extent of that influence, it is complicated by lexical confusions and corruptions The first case 18 purely morphological, presenting (before a following sonant) the same two adverbe, adharat and ${ }^{\circ} r a k$, which we met in $\$ 142$, first variant
otlarad adharad (TB ${ }^{\circ}$ rag) a purastat RV MS KS TB
neyudbhur (AV veyugbher) vdyav (AV VSK MS viya) tha ta oi muñea ( $S\left(\begin{array}{l}\text { fmuncah) AV VS VSk MS SB TA AS SS ApS [Add to VV }\end{array}\right.$ I $\$ 825$ and 156] Also
prayugbhya (TB praynul ${ }^{\circ}$ ) unmattam VS TB In the firat of these two veyugbhir is untenable, becanse the niyulah are technocally the span of Väyu (Brhaddevata 4 140) In the pecond, prayugithyah of VS 18 hardly translatable (not glossed hy Mahidhara, Grifith, 'for Motives') Comm on T'B glosses prayud' by prakarsena yoddhrdevebhyah, us if from pru-yudh At TB 379 1, ApS 1232 occurs prayitah, which TB comin glosses prakargena somam mafrayantah (adopted by Bohthagk, 'durcheinander mengend') This idea fits unmattam 'mad', thus favonng the TB reading But PB 125 reads marulo for prayulo in the corresponding passage, Caland gives up prayulah
nrcakpah sama uta subring (comm, and Poona ed text, sustug) astu T'B sucak $a_{h}$ suma uta sastud astu MS The latter le nut quite certann, the mas record forms which look towards the TB reading But. sarrut occurs several times in RV TB obvously contanns root aru (comm frote), so that apparently $g=k$ must atand for $d=t$ It belonge mith our 8142 , and Wackeruagel I \$8260a, 6 , note, 277a See also our $\$ 283$
mayum (also gauram, gavayam, mepam, farabham) le sug rchatu (KS te tiput) VS MS KS SB Mixed lexical and phonetic (sandhi) KS actually reads $k$; ud, bcfore a followng sonant
trisug (AS "'́rud) gharmo uzbhotı me (KS ghurmus sadam in me uzbhatı) KS TB TA AS ${ }^{\circ}$ Srud here 18 poor and dnubtlese corrupt yamasya dütak ca väg vedhđuatı MS yamasya duutah svapäd vudhĩvast TA Tbe subject is grdhrah 'vulture', TA 18 correct, and MS an unintelligible corruption, in which the aandhi relations of $g(k)$ and $d(t)$ have a share
dadhro (TA dadhad) indhakpyan (AV ${ }^{\circ} \mathrm{ksan}$ ) paryañkhayate (TA ${ }^{\text {ctar, AV parinikhaydar) RV AV TA Roota drh and dhis }}$

$$
\bar{n}(\text { for } k) \text { and } n(?)
$$

8146. One variant concerns an obscure name of a gandbarva, of which the onginal form is uncertain, it is obvious that MS (secondarily) etymologzes on it, changing it to su-vac. 'beautiful-voiced'
 VS. TS SB sudna bhrd! TA
amās varuañ (AS varuän) as pravisfah AS Kaus The orignal is sarvan (sarvañe 'turned in all duections'), AS secondary

## Guttural and dental aspirates

8147. The few cases under this heading present little of interest grame vidhuram (HG vikhuram) thanti suiha HG ApMB Both in wretched hocus-pocus, from which scarcely any meaning can be extracted
aghadveslब devajōti AV Kaus athanyustī devagutäh ApS The latter 1a a mere corruption
deva purascara suyhyāsam tua TA ApS devapuraś curasa rdhydsam tvá MS The former 18 original 'may I be able to carry thee' MS has a alipshod subatitute
yad aghriyata (KS ${ }^{\circ}$ yathīe) tad ghrtam (KS adds abhavas) MS KS yad adhriyuta tadghtam abhaval T'S As Keth says, the TS etymology is not too bad for a Brähmanı, but the other is certanaly onginal

## 4 GUTTUKALE and LaBiALB

§148 Wacherangel's treatment of this interchange (I §117b) receivea additinal illuatratiuns from the variants They alminet all concern $k$ and $p$, and reveal no ncw principle For the peculiar Taituriya treatment (not mentioned in TPr) of the final gound of the stems anus lubh and triftubh as $k(g)$ in all case-forins except before vocalic endings, and as mord-finala in sandh except before aurds (occasionally however $k$ before $p$ ), and before $3, d$, and $d h$, see W'cber, ISt 13 109, n 2, Keth, HOS 18 p xxxviu This applies to TB as well as TS, but apparently not to ApS
anusfup (TB anuşuk) pañktyas (MS pañhlaye) TB ApS MS
anustup (TS antuptuk) pañklya saha VS TS MS KSA
tras $u$ b (TS trisiug) gratpmi VS TS MS ISS SB
8149 The word, of unstuble form, which occurs in the next group refers to some kind of aquatic bird, AV 11225 adds purikayn (comm puli̊) It may be noted that most forms contain both $p$ and $k$ somewhere in the word 'The original form cannot be determined
mitraya kulipayan (MS pulikaydn) VS MS
näkro makarah kulipayas (TS kulikayas, MS pulikayas, KSA pulirayas) te 'küpārarya (KSA thūvarasya) VS TS MS KSA kulikd devajamibhynh VS devänain patnïbhyah pulikach MS
$\$ 150$ Very varied also are the forms of the following words It 18 inposable to say what the original form is, unlese the solitary occurrence of necumpuna in RV decidea It may be onomatopoetic avabhtha necumpuna (TS TB ApS nicañkuna, MS KS MS nucuñkuna) VS TS MS KS SB TB LS ApS N
nıcerut ant nıcumpunah (TS TB nıcañkuna, MS KS nıcuñkunah) VS TS MS KS SB TB LS In aume passage as preceding, nom changed to voc in TS TB by form-assimilation to the adjoining formula
$\$ 161$ Other, ssolated cazes whach cuncern chefly textual decay, with more or leas obscure phonetic bearings, are the following, lexical considerations enter in faintly with somie of them
 $n$ in AS, despite precedıng $r$ Conim un TB, desperately, kanakavad bhàmmānàm rüpavafim kanyam Bnth formus are hopeless bajabojopakāsıni HG khajãpo 'jopakiâınih ApMB Agaın both are hopeless
 dhünomı VS MS KS ŚB holunīsu (se teauhrałukrain ā dhünome) TS An otherwise unknown, perhape onumatopoetic, epithet of waters
sam tc (AV * Śnmu, TA sitm ute, KS MS sinm nah) vantu nmūpyäh (TA anükyîh) AV KS TA MS unikjyüh might be considered a purely phonetic variant, it should be remembered that l'ait textas show a certain preference for at least final gutturals in place of labials ( $(148$ ) The word in an epthet of waters and must mean about the same as anūpȳ̄h, from anūpa, so cumnı, anūpadeise bhavī aruükyã āpuh Formally, however, aruükyn $1 s$ imaginable from the atem anvañir ('aucceseave'n or 'going along with', approxamately 'helping'?), and it as likely that influence from this ephere has been at work in TA
pūlyäny (ApMB kulpāny) àvapantıkŕ AV ApMB lajān āvapantik SG PG MG agrnu hījūn âtapantī SMB HG hilpainy may concervably be understood in the light of the Tast preference for gutturals, of the prec and § 148
vanukraksarn (SV ${ }^{\circ}$ prakjam) iduprutam RV SV 'Suunding in (vessels
of) wood' The onomatopoetic root kraks also in kraksamaña, avakraksin SV opraksa has no lencal bassa and is doubtless phonetic, tho the comm, followed by Benfey, sbaurdly denves it from pra-kst 'abide'
ansum (AV ansūn) bnbhastz (ApS gabh ${ }^{\circ}$ ) haritebhir a $\begin{gathered}\text { rabl:ah AV KS }\end{gathered}$
ApS The ApS atanza 18 otherwise corrupt, and $g a b h^{\circ}$ is uninterpretable Caland gives up the verse
grivāyū̀m (KS grivāiu) baddho apıkak§a ūsanı (MS apıpaķ̧a asan) RV VS TS MS KS SB N Onginal is aprkukse, a certan part of the body MS (p p api-puhsah) may bave been influenced by thought of paisa (cf heth on TS 178 3)
 tria sumilihomi suähä MS izsloka is perhaps a sort of lect fac, but utroulopa is itself not clear, of Kipith on TS 3 3 82
$\$ 162$ The rest concern capes where lexical rather than phonetic considerations duminate, that is, words of independent ongin seen more clearly to be involved
afner (ApS devã) akrnuann (RV apunatri) ušzn amptyave (RV ${ }^{0}$ uah, ApS amartyare) RV MS ApŚ
yad adyu dugdham prthevim asputis (TB ApS asahta, MS abhakta) AB TB AS ApS MS In MS, as in AB AS, the parallel followng pāda contains asrpud, in TB $\mathrm{A}_{\mathrm{I}} \mathrm{S}$, asarad
thn prasallo (AV prasckto, T'B prasaptu) vz cayat hrtam nah RV AV MS TB See §139
krēnī (SV prūnaí) szsur mahinum RV SV And
 arivnat) RV SV AV The SV 15 really inexplicable, AV attempta to rationalize it. Cf Oldraherg, Proleg 279 On the much discuszed kränä see last RVRep 136
 KS ApS MS Spe §139
ahtanc (MS MS aptubhi, KS *artham) rihainai tyantu (vzyaruu) vayah TS MS KS * TB MS GG KhG And others, see $\S 96$ The stem aptu (certannly secondary here) is aad to mean 'amall' It is hard to apply this meaming here, perhaps adverbially, 'daintily' asmin gosthe karīanih (Kaus ${ }^{\circ} n a h, \mathrm{MS}$ purizınīh) AV MS Kauá The nming aynonymy kierisa and purisa, of Bloomfield, AJP 16 409fi Different context, hence different gender, in Kauf kryarita (TB preyí ta (en divide]) a barhih (ISB Conc ohza, Pouna ed ${ }^{\circ} h 2 h$ ) sida RV AV lis I'B Preceded hy mä brahma brahma-
whah (TB $\dagger$ "ha) "These prayerd, 0 thou to whom prayers are offered, are made (TB, are pleasing to thee), sit upon the barhis' [pra so agne tavotibhih] sunirabhis tirate (SV TS taratı) vajabhar-
 sugandhim (AV subandhum) pativedanam AV VS SB ApS sugandhim pushzardhanam (KS rayipozanam) RV VS TS MS KS SB TAA Vait, LS N The AV changea augandhem by adaptation to the meaning of padi-vedanum (patz вurgeats bardhu)
8163. To the same category as the preceding section belong three cases of variation between the roota $\mu r$ and $g r$ (gir), which have a special interest because in each of the three denvatives of the root yaj are closely aseoclated These words are pivotal for the interpretation of the variants The roota yaj and gr go naturally together (sacnfice and prases), and abht-gr (as in the third vanant) likewne goes with yaj because sacrifice gratifies the gods (gürla = Lat graflus), see eg RV $1153,3610,10156$ On the other hand yaj and $p_{T}$ 'give' are
 Featgruss Bohtingk 115fi, Bloomfield, AJP 17 408ff In the thard variant abhipürtam and pūrtam are clearly secondary, auggeated by uptam which recalls islapürta In the first vanant text-bistory makes it equally clear that or is secondary In the second, $K S$ reems to give the best sense, but may be a lectio facinor The fact is that the two ronts, riming in sound and ntualiatically so elose in meaming, easily alip over into one another Aaide from the matter of nme, they contan hitte of phonetic algonficance
indro yajuane ptnale (AV gr") ca siksulı (AV ${ }^{\circ} t e$ ) RV AV TB strsfam agne abhi tat prruihi (PG prichi, KS tad grrihi) KS TB ApS PG HG
isfam vítam (AV pürtam) abhıgūrtam (AV $\left.{ }^{\circ} p u ̄ r i a m\right) ~ v a y a t h t a m ~ R V ~ A V ~$ VS TS MS KSA (Delete in Conc reference to AV under istam vitam ]
§153a The following vanante, tho concerning independent words each of which is suitahle to the context, are interesting phonetically as involving the quasi-Praknitic equivalence of $k$ 3nd $p \mathrm{~s}$ (cf \$8182-6) somasya drapsam (AV bhaksam) avriīla $p \bar{u}_{\mathrm{p}} \mathrm{a}$ (AV sakrah) AV TS MS KS Either a 'drop' or a 'draught' of soma will auit, it 18 hard to sвe any reason for preference
hrtsu kratum varuno (MS ${ }^{\circ}$ nam) viksv (RV apsu, MS diksv) agnim RV US $\dagger T S \dagger$ MS KS $\$ \mathrm{~B} \dagger$

## 5 palatald and dentalb

§164. These variants are mostly lexical in character except before $y$, the combinations $d y$ and $j y$ exchange on a purely phonetic basis A auggeation of a amplar 'palatalization' of $\ell$ before $\varepsilon$ or $y$ seems to occur in the first variants quoted under $\$ 156$

## $c$ and $t$

\$16B Here occur first a number of variations between the approxiinately synonymous riming roots car and tar yajnasydyur anı sam rarantı (AS tarantu) TS AS Cf yajñayur anusamcarān TB ApS
na tad (AV naınam) rakeñnsı na pı\&đcōs carantı (VS ${ }^{\circ} \mathrm{cäs}$ tarantı, AV ${ }^{\circ}$ cāh suhante) RVKh AV IS But Scheftelowitz resds RVKh as VS
achinnam tantum anu sam tarema (TA carcma) AV TA Comm on Al' rar ${ }^{\text {c }}$
samyāh prataralīm (Vait. ${ }^{a} \ell_{i ̄}$ ) zva (MS prararatam iha) Vait ISS Api MS
§166 The reat are sporadic, and partly corrupt., the firat two have interesting phonetic aspecte

ApS The TB ApŚ reading (conceived as an adjectıve agreeng with Aditt, the subject) 18 apparently felt as modelled on directional adjectives in -ici, fem to -iñe (like prici), so, perhape, the comm understood it (anestáamanapräpikís satī) But it seems at least. possible that palatalization of the onginal dental was not uncelated to the folluwing 2 -vowel Cf next
arczā̃̈trino nudatam praticah AV arrışà satrūn duhatam pratītya AG Here in the aecondary AG we have an eacentually phonetie ehange, the reverue of the preceding
matyaujasa TS MS KS sacetusun AV See $\$ 305$ Here we 3uspect that $A V$ is secondary, with palatalization of $t y$ to $c$ agre (TB agne, Poona ed agre) yajñasya retatah (RV socatah) RV KS 1'B
m.lyıim yām u ca (SS uta) vidması AB SS
jagdhä vitrsitr (HG uicapitr) HG ApMB And others, see $\wp 634$
Oldenberg on HG assumes vitrs!, 'thurst'
 anu yo vitasthe VSK TB KS ApS
yat kpurena marcayata (MG vartayald) sulejasd (AG PG HG ApMB supesasd) AV AG PG HG ApMB MG-AVPpp resds varcayald ( varcas)
vicam (RV AV vâtam) vฉ̊num sarasvafīm RV AV VS TS MS SB nopnuin väcam sarnsuatīm KS väcain is secondanly suggested by anranvafim, note that KS places it next to that word AV comm also has vēcam
śrouldhe kam indru caratu vitarluram (TB uzar${ }^{\circ}$ ) RV TB The latter is perhape mechanically asannulated to the preceding car-ato Comm regards it as an intenenve formation from root tuarl (reseqena tvarā yathā bhauıtı tathā)
yuktäs tısro ummpah süryasya PB yunajmi tıoro vipicah sūryasya te (MS vivitah küryah saue, or savah) TS Aps MS Herejus well as $c$ is involved, cf next See $\$ 57$
$J$ and $t$
§157 Beaidea the last vanant quoted, we find aeveral macellaneous lexical vanants, the phonetic aspects are fant
 PB ApS mrajam hardly makes sense and is clearly secondary tatn yajñas triyale unsvadānīm KS MS tatn yañ̄o jŭyale vzsuadānuh TB ApS yajnas tāyate is standard, of eg RV 7102,91027 , 109015 It is interesting that Knauer reporta all mes but one of MS as reading tyounte, a middle stage leading to the lect fac jāyate
devà no yajñam fluthā (TB Aps juudhä) nayantu V'S TB ApS yajñam ftuthan is supported by RV 11705,8448 , but in RV 237 the two points of view bleud in fju yahisatah yajuntàv finthü They are in fact nearly aynonymous
anm bāhubhyilm dhamutı (ctc, §85j) silm patatrazh (KS yajalraih) RV AV VS TS MS KS TA MahānU Svet U

## $c$ and $d$

8158 Four cases, all lemical, thiree with secondary $c$ for $d$, in the first ucyate is due to assmilation of senge to the preceding vacas sumāya vaca udyatam (SV ucyate) RY SV gurā-grā ca dukịase (KS caksase) RV sV VS MS KS PB ApS sadd (MS sacyä) pasyantı sürayah RV SV AV VS TS MS KS SB

N rpU and other Up One ms of KS has sadyi' ajaıymadyäsanāma ca (AV ${ }^{\circ}$ sanāmādya) RV AV ca and adya

## $j$ and $d$

8169 Here occurs the purely phonetic variant of $d y$ and $j y$ in the roots dyut, jyut (Wackernagel, I §140a) It is flanked by a par of hyper-Sanakntic readings in which jydin and mnan are dasplaced by $d y a m$, and by another case or two in which amular tendencies have had influence
sahasryo dyotakim (TS TB dīpyatam, MS ${ }^{\circ}$ rīyo jyotatīm) aprayuhan VS TS MS KS SB TB
ava jyäm zva dhaneanuh SV Valt Kaué ApMB aen dyãmivadhanuznah
HG See Edgerton, Studzes in Honor of Hermann Collitz 29 upa jmann upı velase VS TS MS KS SB upa dyàm upa vetasam AY

Vait Kaus The absurd AV reading involves, like the preceding, a sort of hyper-Sanskritism, see Whitney's note pavamarah so adya nah RV VS pave svarjanah (suvar ${ }^{\circ}$ ) MS KS TB

ApS HG BDh In a secondary lect fac, $d y$ becomes] ımam (MS ımam ra, VS TS Sis ya ımam) yajnam ztadhayā (KS

AS ${ }^{\circ} y d$ ca, MS iudhayd) dadunte (AS yajante, $S S$ bhajante) VS TS MS KS AS SS
datryüya dhartre joìtre (MS dhätre desitre) VS TS MS KS SB Notc
the palatal diphthong after $d$, which is however doubtleas secondary
 ApMB If ApMB is corrcet (v | ${ }^{\text {yajgi is recorded) it ts a hyper- }}$ Sanskritic absurdity, no form of ront vad can be concerned here prath smas (AV sma) raksaso daha (AV jahi) RV AV
uchanto 'paridñztān ApMB īpsantah parijn̄ktān HG See contıcal notes on HG 237 Both forms scem unintcrpretahle Oldenherg on HG, 'visiting those who wake (')', upparently understunding "yigttin
erum tundänà (TS perum tuñjūnã) patyevn jüyā AV TS Roots tug and tud ure practically synonyms Sce Whutncy on AV 6223 , Keth on TS 311118 , and of Oldenberg, Nriten on RV I 454 The AV comm reads tuñjanaū mä na iyuh puram avaram münadunazh MS mi uah param adharam (MS †adhanam) mā rajo nnıh (MS naih) TA MS See §§836

## J and $d h$

§100. Only lexical vanants
màtā yad vïram dadhanad dhantşthā (MS jajanaj janeştham) RV VS MS KS TB Cngoate verb and onun are both altered in MS to aut a more fambliar aspect. of the ruother function, tho the auper-
lative janzothe is not otherwise recorded 'when the mother has borne a most prohfic son' Cf the followng ammar variant usadhibhyah pasubhyo me dhandya (TS pasave no jandya) TS KS ApS $\dagger$ MS
athdsya madhyam ejotu VS LS athdsyat (TS MS TB ${ }^{\circ}$ syā) madhyan edhaldm (Valt ${ }^{\circ}$ iu, AS LS ejatu, SS ejahi) VS TS MS SB TB AS SS Vait adhdsyā madhyam edhatām KSA

## $y$ and $d$

§101 This seema $n$ natural place to append two vananta between $y$ and $d$, in the firat of which $y$ seems to be secondary, while the aecond 18 dubious (yalo seems to make better sense) The phenomenon may have phonetic meaning, continuing the relations between $J$ and $d$ on the one hand, and between $j$ and $y$ (below, $£ \delta 192 \mathrm{f}$ ) on the other sūyavartnì manave (RV TA manuse. KS mänuse) dabasyã (TA ${ }^{\circ}$ sye, TS MS KS yasasye) RV VS TS MS KS SB TA
diso (TB yafo) yajñasya daksināh (TB ${ }^{\circ} \mathrm{T} L \mathrm{ām}$ ) 'TB AS Note that d is followed by ${ }_{2}$

## 6 palatals and labiale

$\oint 162$ Only a few casea, hardly showing phonetic tendencies We do not include here cases like kakup (TS kakuc) chandah, where the TS reading representa it sandh, since they helong under dentals and labials, $£ 178$
lasyas te sahasraposam pusyantyàs caramena pasurai krinami TS paramena pabund kriyase (MS kriyasva) VS MS KS SB Corruption in TS, see Keith Yet carama ts not far from parama in meaning
vity arsa canisthayd (SV panisfays) RV SV See 886
 TS MS KSA

## 7 lingoals and dentals

$\$ 163$ In the naan, the Sanakrit haguala are derived from dentals, influenced by negghboring $r, r(l, l)$ or $s$, whether actually found or hiatoncally asaumable (Wackernagel I \$8145-7) There are also cases of analogical tranofer of lingualization (ibid $\S 148 a$, of especially $\$ 133$, note), and also of haguala due to diselumilation (ibid $\$ 156 \mathrm{a}$ ) In some cases, however, it seems that linguals are due to Prakntic influence Namely dentala arc often replaced in Praknt by linguals, without the
wfluence of any adjacent sound (Pischel, Gram d Pkt Sprachen 8\$218-25), some dalects show the reverse tendency Eapecially $n$ becomes $n$ in almoat all Prakrit dialecta (Pischel $₹ 224$ ) The same apontaneous meterchangea between dentals and haguals uccur in Sangkrit and Vedic under the influence of popular apeech, giving nse to Vedic vanants with both sounds Classification of the indivadual somends is unnecessary since the entire senes is aubject to the same tendencies We include also the nasals $n$ and $n$, except when $n$ is conditioned by the normal rules for lingualization of $n$ (on which see $\$ \$ 945-54$ )
$\$ 164$ We shall begin with cases in which there 18 no reasonable doubt of the lexucal equivalence of the forms with dental and lingual, and in which we hold that the loggualization ia epontaneous, that is, dialectic, in the eame clase mith apontaneous luggualization in Praknt Here first we have three casea of avaja = auata, the latter each time in RV We may remark that the denvation of thes word from an adverb avar (Bartholomac, IF 3 179, approved by Wackeraagel I §1468), leaves mata unexplaned and seemis to us unhkely avatanya (SV avalasya) itsarjare RV SV

gãve upĩvatāvatanı (SV upa vadàvale) RV SV VS
§165 Next, some demivaic names in the Gphya Sütras, in which no influence of hqued or hagual sibilant, and noi disaumiation, are at all mapanable, it as amply a case of lingual for dental spontanenusly tekaf r.u sadaramatañkás rá HG tekat ca sasaramatandar ca ApMB manthähaho (HG mundükaho) he rah putā HG Ap.MB

In the following doubtful word, the liugurl of MS KapS may be duc to the preceding $r$
 yudhah (TS yrwyudhah, MS \% yudhah) VS TS MS See §241 Cf alzo ahar (MS vahod. v l vahad, ppohat) dwäbher (MS duvyढbhur) ütibhth V'8 MS SB TA SSS LS See $\mathfrak{f}\{272,27 \mathrm{Ca}$
Next an isolated variant conceraing the rout or roots pun, pan, which we thank can beat be explaned as spontancous (dialectic) bigguahzation, of Pischal, Ved St 1 199ff For attempta to explan pan as guing back to an IF root contanning a liquid, see Wackernagel I $\$ 172 \mathrm{~b}$, nute, d, note
 panyüt panyatarā) MS KS ApS Cf Durga on N 68 (Roth's Erlauterungen 76 foot)
§166 These are the only clear cases of 'spuntaneous' lingualization

The cunous form padbhis which varies twice with padbhis has been explaned in this way, this would be more likely if the lingualization were not restricted entirely to the instr plural Some obscure hagualising influence may be auspected, but nothing ao far proposed is very convincing Cf Bloomfield, AJP 11 350ff, Johns Hopkine Circulars, 1906, 15ff, Oldenberg, ZDMG 6i3 300ff, Pischel, Ved St 1 228ff uro vē padbher (Kaus padbhur) àhate (Kaus SMB ${ }^{\circ}$ ta, but Jorgensen ${ }^{\circ}$ te) TS SS KS MŚ Kaus S.MB
palleht: (ApS padbhrs) cuturbher akramit AV ApS One my at AV 373 also padbhrs, hut Ppp pad ${ }^{\circ}$
$\$ 167$ In the case of one word the 'correct' form requires a lingual (final of root vah), and the dental te due to disamilation from a preceding hagual, see Wackernagel I $\$ 1.56 \mathrm{a}$, who quotea thie form, noting that TS has ditya-väf and turya-mit in the sume passage where puastha-vat nccurs This proves that diseimilation 18 responaible for $t$ pasthavid (TS ${ }^{\text {nead }}$ ) vayah VS TS MS KS SB ApS
 TS MS KS
§168 Next come a few cases in which it appeare that the hagual is or may be due to the original presence of an $r$-sound or 3 , in the first variant the dental occurs in a different verb-form where the conditions causing lingualization were lacking, in the others it may be due to disumilation, bince the preceding syllables contain r
grhie mā bıbhita mā vepadheam (LS Aps HG vepıdhearn) VS LS ApS
SG HG vepudhuam is an $i \varsigma$-aonst, vepadhuant present
 varsuñ jın:ar auft suihiā TS ApS And amilarly other formulas, Legmang tapatı etc, all in TS 247 2, MS 24 7, KS 11 9, all containing the eacrificial exclamations rävaf etr. in the same forms A natural assumptian woild be that the lingual in MS is due to an originally preceding voculic $r$, as in TS (which dividey badly, jınuar-ãut for gınmanaurt), the dental $t$ of KS mught be due to dissinulation to the initial $r$ But of $\$ 632$ The words are mere interjectione and any form would pass
 Obscure epithets of Rudra, of TB att-kirifa The original presence of an $r$-gound, before or after $d$, seems indicated by VS and MS The dental of TS may again be due to the $r$ of the preceding syllable, thru dissimilation
§169 Finally we cume to lexical variants, tapering off into mere
corruptions Furst, the ntualistic root id and its derivatives are confused several tumes with more or leas sumalar but independent forms T'wice the SV substitutes the more banal indh, 'kindle' (Agmi a the object both times) for id 'rcvere'
agnem tuila (SV indhita) martyah RV SV
yam sim (SV sam) in arya idate (SV indhate) KV SV
The same id figurea alung onth the umilar vid (and adjective vüu) in exchange with other similar forms of different etymologies tıgmam arikam viditam sahasuat AV tigmam üyurham viduam (KS "dham thtam) vahasmat TS MS kis In AV medtum 'fomad', is evidently a purs reading fur $v^{\text {idetam, }}$, ertainly KS iditam is equally secondary
dhisane vīdū (VS VSK iülrī, KS rile, MS MS indite) satī (MS ISS MS omıt) viduypthūm (MS MS intethäm) VS VSK TS MS KS SB ApS MS vid̄ù or tidin 'firm', vite 'pleasant', ädute 'revered' KS 18 the only one that has an adjective not related to the verb, which we lakr as proof of ita secondiridess ISapS hus ūdit: ĩlayethäm
$\$ 170$ The rest are aporadic
parz no hetā rudrasya rimíah (V'Sk ${ }^{\circ}$ yät) HV VSIK part no hedo varunasya vrjyäh RV heth and hedrif are iquan-synonyme See the hast of very simular formulas, RVRep 573
 anu yo vitasthe V'SK T'A lis Aps Ser $\$ 1.56$
 VSK TS KS SS kS MS The stem deva-yaj (in tandm ${ }^{\circ}$ yad) varies with the denominative participle devayat, virtually a synunym, but probably secondary
 SMB Cunc ramam. Jurgensen marive) acarlisuh (hS SMB Jurgensen, arakTiuh, SMB Conc carkrdhi, KS v 1 acarh ${ }^{\circ}$ ) AV hS TB ApS MS SMB PG The orminal reading is probably that of nost texts (loc of manu, 'on brhalf of Manu'), but the AV' (lnc of manit) is capable of interpretation ('over a luckstune') assidhaịa sahamànāyn vedhave (7'B midhuss) RV' TB N
ghotam duhina vesvatah prapilīh (TB ApMB prapürư̈h, AVI'up pravininh RV AV VS TB ApMB See $\$ 198$
 nāviś carantı spasma zyānāh VS TS SB näpe myuntı sustco na vānīh MS IKS
 no rudro nerrtır mià no astā TA Sce $\$ 87$

In SS $\begin{array}{llll}17 & 121 & 1 \\ \text { sarua unnudya samitriyah (ef cntical note, top of }\end{array}$ ( 276) is suspicious as regarda its linguals

## 8 dentals and labials

$\$ 171$ Interchanges of dentala and labiala 18 rarely if ever purely phonetic It is chiefy lexical, concerming in large part words which approach one another in meaning, but are etymologically unrelated It 1a, however, noteworthy that a very large proportion of these varianta concern the voiced aspurates Porably a specially close phonetic relation may exist between $d h$ and $b h$, we may recall that both exchange with $h(\$ \S 115 f f$, 122)

## $d h$ and $b h$

8172 We shall begin with these, and first of all with the considcrable Lust of vanants between the prepositions abhi und aithe Both of these vary with other prepositions, but far oftener with each other, chefly on account of their similanty in eound no doubt, tho in some aspects they are not fur apart in meaning too
bhadräd abhz (AV Kaus adhz) sreyah preh AV TS AB KB AS ŞS ApS MS Kaú
svapnah meapnadhzkarane RVKh svapna suaprübhzkaranena AV brahmünthrgupluh (PG brahmībhio) svdrà hsarinnz (PG suraksuluh syām) svähā AG PG brahmäbhıgūrtam svarāksānah MG Sce Stenzler's Translation of AG 2414 (p 73, n 2), and the critical note on MG 286
tayor devá adhisamuasantah Apś lnsyāmidevī udhi mamiciantah TS TB yasyàm (v 1 asydm) devà abhı samuranneah MS
visuduasur abhz tan no grnditu RV TA virebher adhz lan no grnäno etc MS
samanamūrdhnīr abhı (PG adhı) Lokam ekam TS MS KS PG tī ehamürdhnir abhz lokam ekam AV
trtiye tdhümány abhy (V'S dhimann adhy) urrayanta VS TA Mahān U ıdam (PG 2 mam ) tam adhurqthimı (PG MG abh $\imath^{\circ}$ ) SS AG MG PG rlasya nïbhāv adhı (AV abhr) sam punàmı (AV punálı) RV AV na val suvtasyädhyäcāre (AG svelaś cābhydgàre, HG suetayyäbhyācãrena, MG \{velasyäbhyócãre) AG PG HG ApMB MG
ma rudrıyळ̌o abhı gur vrdhänch (MS abhz gulbadhänah) MS TA md no rudräov adhegur vadhe nu (mse nuh) MS
adhz skunda virayasva AV abhi hranda vilayavea SG raīncom puiro adhiraju tyah (AS avirūja egah, AV abhisastıpa u. VS

SB abhı́satıpãvā, TB abhzsadtıp ayam) AV VS TS MS KS SB TB AS SMB N yamo rajabhitayh hatz (KS MS rijuddhio) KS TA ApS MS
§173. As the roots skabh and alabh were sepn to interchange (8137), ao the roots dudh and subh, whose conjugations are parallel, interchange freely, without preference on the part of indindual texta except that AV seerue to prefer subh (five times), Whitney's Indes Verborum coufirms this tendency
lena ma saha sundhatı (AV sumbhantu) RV AV See VV I p $2: 19$ tanı brahmá tu (AV ApMB brahmota) sundhatı (AV sumbhatı, ApMB sansati) RV AV ApMB
surnbhantān lukīh patrindauüh AV sundhantām etc VS MS KS SB MS Suruhatäm lohah pi'fsadanah TS ApS
sumbham mukhain min nn ăy'h pra moß̄̀h AV sunddhe (surudhe) sıro masyāyuh pra mosih AG PG ApMB MG
з̄pah sundharlu (AV vaste sumbhantif) maznash AV VS KS SB TB antah §ubhrāvalü (SV sunthýnvatü) pathī RV SV'
§174 An interesting extension of the preceding correspondence appears in one case where sud, instead of §ulh, varies with subh, this seems to be rooted in the rather atandard relations of subh and sudh, the latter being replaced by wid asüsubhanla (IS TB amūsuilantu) yajñ̀yā plentu TS MS KS TB
§175 In the remaming variante between $d$ th and bh lexical similarity, to the point of eynonymy, continues to enter in largely Thus in two caspes of the participles thits and bhrla, which must be apprased in the light of the relatione of heta and bhrta, $\S 118$
sa tvā rāsträya subhrtam bibhartu (Ppp pıpartu) AV a no räqiresu sudhutīm dadhintu TB
garbha zua (SV KU, Poley's ed, ivet) subhtio garbhenihhzh (RV nuitheto garbhenæu) RV SV KU
§176 Soine of the remaning examples show such a degree of synonymy that we might expect a larger number of varianta dhartàras (ApMB bhar) te (MG te aubhage) mekhale mñ mp̄amu SMB ApMB MG
bhakïmahz (TS MS KS Vatt dhuhīimahe) prajüm zisam RV SV TS MS KS PB Valt
 'TS Both miean 'undefeated'
sam brihubhyam dhamatı (AV bharatı, TS TA namatı, KS namate, MS "bhyăm adhamat) sam patutraıh ( KS yajatraıh) RV AV VS TS MS kS TA MahānU SuriU
nekirya (MS KS nopirya) tubhyam madhye (MS marhwah, Vatt tuhhyam abhya ãsam, KS narviädhth) KS Vait ApS MS See 847
avzksobhaya (KS ${ }^{\circ}$ kpodhdya) parulhin dadhamz KS TB ApS 'For non-disturbance' 'for non-hunger' KS makea inferior bense
andha sthatutho vo bhaksīya VS SB KS ambhah (TS SS ambha) thämbho vo bhna ${ }^{\circ}$ TS MS KS SS ApS MS MG andhah '(soma-) juice' ambhah 'waters'
bhansaso (ApMB dheansana) vi vihdmz te RV AV ApMB Here ApMB is meaningless

Aspirate and non-agpirate dentals and labials
8177 There are a few sporsdir cases of bh and $d$, $t$, and $d h$ and $p$ vi senabher dayamãno (SV bhaº vi räthasà HV SV bhayamãno is absurd, ance the word is an epthet of Indra Benfey renders 'furch tbar', which it cannot mean
 Ms
dhanamjayam dhurunam dhärayvnu RVIih bhümudrihnm acyuum
 nyms 'eatablahhing', 'saving'
$\$ 178$ Ultumately, tho not euperficially, here belong the vananto of kakup (representing stem kakubh) and kakuc, kakut, kakud, hahun, all by repular mandhi for kakui Of these two stems, which are periect equivaleata tho of independent ongin, TS and TB use kakubh only before vocalic endings (cf Weber, IndSt 13 109, Keitl, HOS 18 p x×xvin!
kahup (and, trikakup) chandah VS MS KS SB kakuc (and, triknuc) chanduh TS
kakup (TB kakuc) chanda ihendreyam VS MS KS TB
apäm napüd đ̈suheman yu ṻrmih kakudmān (MS ūrmzh pratūrtıh kakubhvän , KS ürmıh pratūrtıh kakudmãn ) TS MS KS detī̀ upo yo va ürmih pratürtıh kakunnain VS VSK SB brhaty usniha kakup (TS kakut) VS TS MS KSA

## $d$ and $b$

$\$ 179$ A angle variant between duläand bula, both obscure, apphed to ire-bncks
ambī ca bulā ca MS MS ambi dulà TS, ef ambayne svaha dulãyà àdhe TB 3141
Another lencal variant
abaddham mans TS KS BDh adabdham mana (MS caksur) MS SG

## $t$ and $p$

$\$ 180$ These two sounds interchange in quite a number of cases, usually in words which are near-synonyms, and seldotn showing phonetic tendencies
tirv rajaina arprlah (SV avtriah) RV SV Both mean 'uncunquerable' The RV version occurs also with aceuative asprtam, 88296
 dhi pürtu rtusipis asan, which confirms the RV reading, if confirmation were necessary to condenin the umintelligent veraion of AV ('won by rta', instead of the atandard 'tending, loving the rta')
matsarāsah prasupah (SV 'tuh) sīham īrutc RV SV l'pithets of Soma The SV rationalizes deaperately a word it does not understand (comin prahariena sutah ['l, abhisutah) Benfey, 'zeugend' = pra-su(t), but the comm is right to the exient of connecting SV's word with su 'press' The KV' reading is uhscure, ef Oldenherg, Noten on 969 ( (mggesing a dimvativi of $\sup =$ svap)
tuhath sumbirano (TA sampirano) bhavil V'S l'A Practically syonnyms, both 'rescuing'
 AV lis Aps MS See $\S 139$
yat ksurtmil marrayatá (M(; rartnyatio) supfansü (AV MG sutejasū) AV AG PG ApMR HG M(; Nearly eynonyms Sep $\$ 156$
 TA
matro (VS urpro) bahhūura saprathaih RV IS TS MS TA sactelasāu (VSK ${ }^{\mathbf{c}} \mathrm{j} \overline{1}$, delete 'MS' in C'one) arfpusan V'S VSK SB sacetusan saretnynu 'l'B samokasmin iarrtasuí arepasau MS sumokasāy (IiS © sä) arepurau TS KS lians The TB has a lect fac to match samokasan which minncdiately precedes sacetasan (comm ekakarmapravartakaı bhūtvĩ)
yo gopá apı ('l'B Aps gopayatr) tam hure RV AV TB Aps The denominative verh makes the same sense as the noun with copula 'understood '
susevarn sumapitsaru (TS sumatusaru) VS TS MS ICS SB VaDh susimam somasatsaru AV-Ppp (Roth) suwekain (intending susevain) somapitsalam For suisimam. Whitney 'well-lyıng', but
it is a mere corruption Whitney and Keith regard the TS reading as the correct one, on that case the reading ${ }^{\circ} p p^{\prime}$ saru would contan disamulation But it is improbable that the ieolated TS has the original reading With Mahidhara, sumapi may be taken as 'soma-drinker'; and somasa as 'yoma-winner' (cf pa\&u-sd, pryya-ś́, both RV ), both would refer to the yajamina, and the cpd would mean 'havng a bandle (ready) for the yajamina' (or perhaps AV 'having a eoma-winning handle')
dhipsyam ví eamrakara jarubhyah MS adzesan vā samjagara janebhyah TA 'Intending to deceive' 'not intending to give' Others, 845 ñ̀rnnışūn hqtacaso mayubhūn RV AV TS KSA MS N àsann esäm apruāho mayobhūn SV The latter is wholly secondary, see $\$ 820$
mãan no namam ertamainah AV nerı na fnăn tinva at samānah TA nem na mān mavän ipsamánah MS In AV deard of à $+\mathrm{r}_{\mathrm{d} h}$, but comm ecchaminah, which suggests that TA intends recha ${ }^{\circ}$ (phonetic confusion of ts and ch) MS has a synonym, likewise with phonetic confusion of $\mu \mathrm{s}$ and ch
tato na (na tato, na tudī) trezkitsatt (vijugupsate) VS ISK SB BrhC KU I解U See 645 Here the vanation between to and $p_{s}$ is connected with the approsch of both of them to the Prakritic ch, see $\$ 182$

$$
n \text { and } m
$$

$\$ 181$ There are finally some cases of interchange between the dental and labial nasala Sometimes the concerns the indicative and anbjunctive peranal endings $m z$ and $n i$, these concern verbal inflection and may be found recorded in VV I §§104c, 118, 119, 124, to $\$ 119$ should be added the following, omitted there pratılimitz (AS ${ }^{\circ} n \imath_{\imath}$, TS KSA TB pra sulimītz) ts putä VS TS MS KSA SB TB AS SS The verbs concerned are obscure, and evidently taken from popular (vulgar) language
The rest are acattering agdhäd eko 'hutīd ekah samananad ekuh TS adhväd eko 'ddhād eko sandannäd ekuh MS 'TS, 'eater of what 18 gathered' (Keith) Knauer takes the MS form as sana + a-sana + ad Both uncertain Asaimilation or dissimilation may be concerned madernendram (MS maden ${ }^{\circ}$ ) yajamānāh rvarkãh VS MS KS SB TB Von Schroeder emends KS to maden ${ }^{\circ}$, mithout justification, the opt madema 18 probably the onganal form The other, with instr
ag madena, 18 however construable, the psida boing then made dependent on the verb of the preceding sentence Assumilation or dissimilation in MS?
kad un rtam kad unflam (SV amptam) RV SV See Benfey's note in his translution of SV, which ı obviously secondary
jivam (ApMB jünm) rudantz ve mayante (AV nayanty) adhuare (AV ${ }^{\circ} r a m$ ) RV AV ApMB Clearly a secondary effort in AV to make an obscure passage 'senable'
abhimam (TS ${ }^{\circ} \operatorname{mam}, \mathrm{MS}$ MS v $1^{\circ} \mathrm{man}$ ) mahind (VS MS v $1^{\circ} \mathrm{md}$ ) dzuam (MS divah) V'S TS MS TA ApS MS In the origmal the subject is Mitra, who eucumpasses 'this heaven by his greatness', in the aecondary VS mahrmd (ace to Mahidhara, Agm's 'greatness') is madc the subject
رämım (KS †camı) ma herwir amuyã (MS anu yd) fayānd KS TB MS mā jämıtn tnoşir amuyā sayändan AV The MS 18 clearly secondary
aksănām vagnım (MS †vagmum, AV ganam, read gałnum) etc, AV MS TH 「ГA Sre §8コ2
pnleva putram jarane nuyrnam (MS ma emam) MS KS ApMB HG See $\$ 835$
nen na rmin TA nem na train MS See $\$ 180$ Particlea ad and im
füro nṬ̛̂tū situras (SV MS iraij) cukī̃ndi (SV ca †käme) RV SV TS MS

## CHAPTER $V$ INTERCHANGES CONCERNING PALATALS

§182 Here we group a rather miseellaneous assortment of interchanges cuncerning palatal mutea, and the palatal sem-vowel and sibilant, which do not seem to fit well elsewhere The regular eorrespondences between palatal mutes and those of other senes (8§126-34, 154-61) contain some amilar phenomena, and for the pulatal sibulant and semi-vowel exchanging with other sibilants and semi-vowels, see the appropriate sections below Notably the vanations between $c$ and $t(\$ 156)$, and still more those between $d$ and $J$ ( $\$ 159$ ) and $d$ and $y$ ( $\$ 161$ ), cuntan mattera amalar to the shift between $J$ and $y$ (beluw,
 and $t 8$ and $p 8$ ( $\$ 180$, end) helong with the exchange of all these sounds with ch, as in the next folluwing sections

## 1 ch varying with $\langle s, t s, p s$

5183 These changes are distinctly Prakritic, of above, §26, and note the references mentioned in the last paragraph The shift occurs in both directions, when $k$ etc are secondarily anbstituted for ch, this is to be regarded as hyper-Sanakritism Confusion often uccurs in the mas, so that it is sometimes not certan what a particular text really read in a given pasage Aэ examplea of pure blunders in mas we nay mention etatsamdah for etac chandah MS 3, p 22, n 3, iverchata for ritptata, ihnd $1, \mathrm{p}$ 18, n 7, utata for ichata Kans 73 15, putanh for pacchah Kaus 8229 See further BR, s vv haputrala, urchädana etc The pada parundam parih;anam, AV Naks, 19 read pmrichavam in many AV mss, ece Lanman'a note ap Whitney, and the Berlen ed reads uchantūnaü maruto ghrtena in 312 4, with all of R-Wh 'e miss and most of SPP ' $x$, tho SPP reado (correctly) uhgantūlnē with three mass and comm (Ppp, Barret JAOS 32 366, has uh gantūn̄̄, emended by Barret to $\left.{ }^{\top} \bar{u} e_{n a}\right)$ Finally-altho the list mingt casily be extended further-for the pada teria yo 'smat sampchilan, TA 24 lc , the mes at MS 41417 c read twice ( 2471 and 3) corruptly samptsätäm, which von Schroeder emends to the TA reading - Mention may alsu be made of Bloomfield's generally accepter etymology of RV $h_{\rho u}$, as for ${ }^{*} p\{u$ ( $p a t u$ ), IF 25 185ff, which umplies the same phunetic law
\$184 Most of the genmine varianta, which are less numerous than one
might expect from the great confunion ahown in the mas, concern $k$ and ch
 'yachase) MS TA SS Thn dyachase, 'procure', is a pusable alternative for the other reading, denved from $a-y a j$ 'nbtan by sacnice', it is doubtleas a mere phonetic corruption Sec VV 1 p 29
sumi ghosena yurhatu (SV unksatu) RV' SV The preposition ai, found to the preceding pada, goes with the verbe, $d$-yam and $a$-vah are here aynonyins, 'bring hither' SV is of course secundary, with a sort of hyper-Sanakritic change in phonology
 abht-rak; 'protect' Quasi-synonyins, but since the object is the furrow in plowing. AV is ohvinusly shpshod and seenndary, ag un with hyper-Sanekritic phonetics The RV nriginal in much more neat and pointed
achalïbhich (IiSA acharibhth, MS ateariabhit in $p p$, matsarabhih in sp, VS rijulabhir) l.apaijulän lis MS is KSA In AV 10 92.1 occurs the form frhari, with v 1 rtsairi, which $1 s$ supported by Ppp The word is a name for a part of the horse's body, ite nriginal form is quite unknnwn Note that ts as well as $k$ sand ch occurs Either to ar ks, or lonth, inust be hyper-Sanskntic Sep Edgerton, Studzp.s in Monor of Hermana Collitz 29f
§185 For $t s$ and $c h$, hesudes the vartant last quoted, we find namahkrchrebhyahkprhaputibhyn, ru m mamuh MS ISS name grtwebhyo grtsapatibhyas ca no namath US TS Ses $\$ 4.5$
 Herlin ed aksalifyins, certanly wrougly) For this Ppp reads (with Alight corruptıon, Burret, J.AOS 44 262) yäh kerchras For the truc Siannahiya readink yec $\$ 192$
§186 For $p s$ and ch we hatve noted only thes ıchantn' 'paradäkptān ApMIB ipsantah parıjihtian HG The two words are of course perfect synonyms Oar is reminded of the false idenufication of the two stemis arha- and ipon- by Goldschnudt, Golt Nurhr 1874, 525, note

## 2 s.y exiladiging with s-e ne $x^{\prime},(1)$ plus sibilant

§187 In ad interesting little group ni varianty we find a gemitive aingular noun furm in -ii/n varying with another form, generally the nominative care of the same noun. cuding in a sibilant on $h$ the lat
syllable of the gentive ending being represented by the first ayllable of a different word (aeveral tumes the conjunction ca, at other tumea a longer word beginning in a aibilant) All these casea, of course, moolve diferent word divisiona, and so belong to our later chapter on Falae Divisions Either reading may be at tumes the older
$\$ 188$ W'e quote first the casea contaming the conjunction ca, varying with -sya
slomo yajflas ca (TB yajñasya) rādhyo haurmala (TB ${ }^{\circ} \mathrm{tah}$ ) RV TB The TB awkwardly detaches stomo from the reat of the pada, and makes radhyo agree with Vignu, with genitives dubiously depending on ıt, comm, yajñena tram ardidhanizyah - Here the nominative ıs the oniginal form, in the next two it is aecondary to the genitive
 MG suetasyabhyacare) AG PG ApMB HG MG In AG the epithet suela is attracted to the noun ahir in the next pada Tho the majonty reading as undoubtedly original, AG makey mood senae, a sanke-king te nppealed to, to drive out anakes
ubhüvindra (SB irdra) udththah süryan ca VS SB aya(h) sthīnam (TS ${ }^{\circ} n d \nu$ ) udila (TS MS KS 'tau) siryasya RV TS MS KS The Conc unjuetly stigmatizer indro of $S B$ as an error, it is a nom sing, replacing the elliptic dual tralrä (= Indra and Sūrya) of TS to match the complementary nom eing süryns which follow:, cf Edgerton, KZ 43 110ff
yad utharadrāv uparas ra khīdatah AV yad apsarudrūr uparaega (ApŚ apsararūparasya) khüdatı KS ApS
$\$ 189$ In the rest the menitive -sya varies with a nominative in $h$ followed by another, usually a longer word beginning in a eiblant, again the movemient may be in either direction
dyumaltamd supratikusya cünoh (AV supralikuh sasinuah) AV V'S TS MS KS SB The AV secondanly alters the construction, making the epithets nominative to agree with the following, instead of genituve tul agree with the preceding Agmi a meant both timea See Whitnry on AV 5271
dheyd martah susumate (SV murtasya samatah) RV SV The SV has an unintelligent and far-reaching revision of the whole half-atanza, set V'VIp 164
yaso bhapus ca mā vidat (MG risal, mas mostly risnk) PG MG yueo Uhagarya terdatu ArS Conc aqgeata bhagaś ca for ArS No doubt PG is oripual ('let glory ath furtune find nue') But Ars makey ynán object, and ance bhagns cannot be accuastive, changea it to a dependent renitive 'let hum find glory of fortune'
unprasya dhárayd kuwh RV inprah sa dharayā sulah SV In SV the stem unpra ie attracted into agreement with the cpithet sulah, for RV kavil, which is a aynonym of unpra and which SV contame in the preceding pada
somah sulasya madhuah RV somah sulah sa madhuman SV Luse the prec, the gemitives are (so naturally') inade to agree with somah
yunajmz tisto viprcuh süryasya te (MS vivtah süryah mue, or sanah) TS ApS MS yuktax tzaro vimfjah nēryasya PB -MS la clearly corrupt
münnsya patnz surana symā AV mā nah sapatnah saranak syons HG The latter is hopelessly corrupt, Oldenberg follows AV in translating

3 Interchanges of $k s, h k$, and $k h y$
$\$ 190$ The closcly analogous phenomenon of interchange between kh and s, k§, 18 treated by W'ackemagel I § 118 Our variants, however, are concerned with the combination hhy in variation with $k \beta$ or $k . s$ For the most part the forms involved are denved from the root khyd 'see', which regularly in MS, and once in KS , is spelled $k \dot{z} \tilde{i}$, of von Schroeder, Introduction to MS. p XLIII In fact the mes vary greatly, but von Schroeder has generalized the apelling in his edition This writing us alao known to the grammanans anukhydtre (kS ${ }^{\circ} k$ entre) namah KS GB Vat. KS The $k$.ís of KS (both misa) is the mone remarkable since it is inmediately preceded by two parallel forme written -hhyn-
ry akhyan (MS aksan) mahiṣo dzvam ( AV • TS makizsah s(u)vah) RV AV (bis) SV ArS VS TS MS KS SB The mss of MS vary, ppakhyat AVPpp agreea with RV
andra qbhukyñ murutah pare khyan (MS hikn) RV VS TS MS KSA N All mas of MS here ksyinn, p p thyan
anv ugnir usasaim agrum akhyat (MS MS aksat) AV VS TS MS KS SB TB Apis MS All mes of MS akyat or akpyal, ppakhyal But moet mise of 115 at-sat
 suar abhuqukhyam (MS MS ${ }^{\circ} \mathrm{k}$ siam) j!otur ual.vanaram MS KS MS svar (KhG sur) abhviyakhyam KS Apí GG KhG
 duscaksī̀ te mävahout (KS text with ont me ${ }^{\circ} k$ şat, $\mathrm{V} 1{ }^{\circ} k h y a t$ ) MS KS tani le duscak $\underset{\substack{a \\ a \\ \text { mäna } \\ \text { khyut } \\ \mathrm{TS}} \text { (so read) Whatever be the }}{ }$ writing of KS, the meaning can only be that of ava-khyā
$\$ 191$ In the followng the reverse condition 18 found, the readings with khy are secondary to $k_{p}$ yas le aone sumatrm marto aksat (AV akhyat, v l aksat) RV AV If akhyat is the true reading, it makes quite good aenae ('has seen', for the ornginal 'has attaned', a more recondite and dufficult form) masväkgam (MuhãnU obhyam) vzévasambhuvam TA MahãnU No doubt urfuakyam 'hanng eyey all over', is the original, but visuakhyam is felt as a aynonym, 'all-seenng'
 and TA comme derive from root $k \boldsymbol{k}$ with intransitive meaning ('), 'of him penshing like fuel (in the fire)', and sumilarly Caland on Aps Better from pra-kid ( $k_{s i n}$ ) 'burning up' In any case the SS (all nies) form shuwe phonetic decay, it niakes nu independent senes

## 4 J and $y$ exchanging

§192 The interchanges of these solinds are common enough to prove concluavely the genume phonetic instability between them in the Vedict langage, ay in Prakrit Cf Wackernagel I $\$ \$ 188 \mathrm{~b}$, 140b, and above, our $\$ 8156,159,161$ The change gues in etther direction, and of ten appeara in corruptions of the nise, e g in AV: 1116 several mas read jaram for yuram, and the comm evidently had this reading before him Some of our vanants miny perhaps farly be called mere corruptions, and indeed somie are elimunateil in more recent editione of their respectave texte But when is a corruphona true variant" Nute the Grgt chsc
uto (SS and GB Grastra, uta) pulyäbher yuntisthah (AB jaº AV AB GB SS The Berlin ed of AV alsin reads jausithah, aganat all mes There 18 no doubt that thas 1 e the 'correct' form, the word can only mean 'swiftest.' But only AK reads so in the mes, whale not only AV and its Brähurau, GB, but the independent SS, have the 'corrupt' reading' Under theae circumatances it everne more conservative to keep the reading of the mas, regarding it as a case of dulectic phonology Simularly in the next
јиӯ̄̄̄ (yajn̄ū) netananin (read, ned asann, GB Guastra netar asann) apurugauasah (avictonāsah), yajñàd eta sann apuro ${ }^{\circ}$, see $\$ 62$ Again there is no duubt that ynjüd is the 'correct' reading, but $J$ for $y$ occury persistently in the tradition of various texte
tato ha jajñe (MS tat, 'ham yajñp) bhuınmasya onpīh (MS goptī) TB ApS MS te ha jajrie bhu oopah PB Here the reverae change has occurred, MS as clearly eecondary

Satam yo nah sarado ajiten (SMB Conc ajijat, comm ajijanat, PG jījūn) TS SMB PG But Jorgensen resda for SMB aǰyāt, comm ajiydd ajyät, aja gatzksepanaynh, gamayaty zty atthah Three mes of the text read ajyät See VV Ip $92 f$
sa॥jāmım (SG sauyāmım), эc tarpayāmı, AG SG Here saujāmım (so v 1 of SG) is doubtless original It is a $n, ~ p r$
yajnasya he stha flviji (TB ApS tetyau) RV SV hs PB AS SS ApS yajñasya fluij-1s eatablished from RV 111 n
tasto yahvasya (MS MŚ jehvasya, v l yah ${ }^{\circ}$ ) samudhah parijmanah RV MS Aps' MS juhasya probably eorrupt, and certanaly secondary
 are aynonymie, TS is secondary
 yñ.s, a bad emendation absandoned by Whatncy, see has note Read etther yä grisyas, or betu'r yäh (or yüs ca) hrelyis Cf $\$ 185$
añante supraya am paniru jañih R' MS, 'the five tribes anomt hum
 AVPpp 2741 (Burret, J.AOS 30244 ), 'the five tribes employ hun of gond offeppring' (secondary but nut bad l'edic eense)
§193 Somewhat remoter are the following
hrdo asty antarim tal jugosut ('l'A tad yuyota) RV ks TA -TA secondary

 TS Kis Apś MŚ
 Corrupt in Aps, (aland translates the Kis reading Cxplaned in $\$ 296$
ya fle (TA ApS ApMB yad rte. I' B tyahate) ad abharisah RV AV



## 5 Palatal stops und $s(s)$

$\$ 194$ There are next a numbipr of tases of palatal stope varying with the palatal sibilant, or oute with the lingual mbilant (which varies frequently as we shall sere, with the palatal simbant. so that this variant may represent the same tendency) But in all cases the lexical element is ao marked as to make uncerian the degree to which real sound change enters The single case of $\$ 13$
abhy arsala (AV Vait Kaus arcata) nusfutım gavyan ajım RV AV VS KS Vait ApS Kaus For the favonte formula abhy-ars with susfuthm see $R V \operatorname{Rep} 523 \mathrm{ff}$ The AV vanant is a lect fac (root stu auggests the aynonym arc)
$\$ 195$ The reat concern $k$
pratyañ jarinn aamcukosnniakale N in Durga (Roth, Erlauterungen 12, n 4), pratyañ janas tısthatı sarvalomukhah (SvetU and SirasU * tisthati samenkocirifakale) VS SvetU SurasU Dhātup has a root kud 'embrace, enfold', with which Durga'a form aeems connected ayarmayam vucrtī (KS vrâtī, v $1^{\text {® }} \mathrm{d} \boldsymbol{\mathrm { f }} \mathrm{tā}$ ) bandhum etam VS TS MS KS SB ayasmayān in cotī banulhapākin AV The orignal vactī̀ means 'loosen thou' KS seems felt as 2 plur from $v$ - $\mathrm{s}_{\mathrm{f}}$ 'destroy', but there 18 no explanation of the plural
uśrasya devt mrcayasya (SS mfsio janmanah AB AS SS mfcayasya is rendered 'penshable', perhapa hetter with causative force, 'injunous' S'S's mr $^{\circ} \xi^{\circ}$ may well be a corruption, but the word 18 obscure in either form
prthzvyah samprcah (MS MS ${ }^{\circ}$ cas, VS SB sumexprias) pähı VS TS MS SB TB ApS MS Also divah samıpfias (MS mampran) pīh VS MS SB The two wordsare aynonyma
sutro (MS cutro) raksatí AV MS TS ApMB Also evitra (MS catru) đdityānam VS MS Again the two words are synonyms Soine AV mes have catro in the first variant, Ppp ma sattro, Barret JAOS 32370 em sutru
yat kşutena marcayatī (MG varlayatā) sutejnăa (AG PG HG ApMB supesasī) AV AG PG HG ApMB MG
agre (TB agnt, Poona ed agre) yajnasya cetntah (RV socatah) RV KS TB
ürdhvaculah (MS. KS ${ }^{\circ}$ sritah) srayadhvam (VS text $\dagger_{\text {sri }}{ }^{\circ}$, doubtless mispnat tho repeated in comm, which glogees seranhram, SB correctly $\operatorname{sra}^{\circ}$ ) VS TS MS KS SB TA Assimilation to Srayadhvam in MS KS
mfiase (SV mrjyase) pavase mafi RV SV The change from (part-) mrs 'thou dost embrace', to mrjyase 'thou art punfied', is suggeated by the following pavare, or by recollection of mryuse smna sailaye RV 9563
 sishksate) Unknown words
tanupâk (TB Cone tarıūpūc, Poona ed text and comm ttanūnapac) ca sarastati VS KS TB The TB (which obviously reads tanu-
napüc) has repeated thia word from the precedug pada, where it occurs as a name of Amm The other reading is clearly onginal

## 6 Miscellaneous

$\S 196$ Finally, s couple of nuscellaneous variants, in two of which $j$ and $h$ vary, in the other $h_{y}$ and $b j$ mahni junopz (MS hinosi) mahznz liV TS MS KS ApMB N Synonymous nme-words
 see 8854
divyah kosah samuksitah MS dawyith knsiah (AV devaliosah) samubjutah AV TS KS The MS reading is a riming corruption

## CHAPTER VI LABIAL MUTES AND V AND M

§197 The varianta in this chapter are in large part genuinely phonetic Especially the section on $b$ and $v 18$ related to the almost complete confuano betwepn these sounds in the later dialerta, and the interchanges of $v$ and $m$ also are rooted deeply in phonetic relations between these sounds But morphnlngie:al relations, as for instance the parallel noun suffixes in $"$ and $m$, are also concerned, and nierely graphic corruptiona likewisp have no douht played an important part, pepecially as between $v, b$, and $p$

$$
\rho \text { (once, } p h \text { ) and } t
$$

§198 Here we have undertakin to separate the cases in whirh $p$ is the more original, they are listed in the following


 Savitar's father' is an abuurd but persist cnt mouthing nuer of 'lie ahall he the father's father', of Bergatgne 2 104, 108
ubhtsaster avasparat (SV avasvarat; RV SV 'Fight away' 'soundaway', in either cake 'protert' (SV minm pinhata) But ana-spa,
 396,86614
 MG paraspī 'protertress (of tapas)' parasuí (also in some inss of ApMB) may be a case of dissmulation from intal $p$ (comin uthrsitaihunarūpī)
дpārhā (7'B sū̄ruhā) yasya sriyo drise RV ks T'B And spärho (TB sväruho) deyn mıyuturtā RV SV VS TB The T'B readng 16 of course secondary, and unmetrical Comm, wobblingly, once wiothus ratham ürüdhah, once sunsmìd :ra prariudhäh
hiranyaparna sakione PG heranyaturnah sukunah MU hirunyapah;ah sakunih HG Practically synonyms Contrast darbhaih atmita etc under $\$ 200$
 AV orignal 'may I. going to my kin, not fall from heaven' Poona ed of TA reada jaimi mithä má brritsi lohāt (v l luhän)

Its coinm regards the second person as addressed to the yajamina (gloss, hapsyasz) But nether reading of TA really makes sense, tho they may contain a mechanical asomilation of $p$ to preceding $v$ mähro maknrah kulipayns (TS kuliknyos, MS pulikayas, KSA pulīrayas) te 'kūpãrasya (kisa $\dagger$ kūtarasya) VS TS MS KSA Von Schroeder anggeata kūvärcsya, certainly rightly $k$ ūenra and küpara are qunted lexically as equivalents for akūpāra 'ncean'
 ava- $\mu$ rj is the original, it aeems to be a technical term for briging to an end the warp in werving Noteapa ava alen ( $\$ 201$ )
yatrāsprkşat (HG yutrà urhsais) taniuam (AV tarvo, HG lanuvat) yatra väsch (AV yace ra vāsusah) AV ApMB HC 'Wherever (defilement) has touched iny body or my garment' HG's corruption eceine primarily due to the precedine line, yade whydgrad abhyapatat phulam
 TA See § 145
 save) 'TS ApŚ XS See $\$ 57$
 TB, vastyam grham ( $=$ pastymm, see RVRep 58) 'Thas, and the lexical statements that rastyri means 'house', may he breed on corruptions of prostya, but thnughte of the root cus 'dwell' doubtless helped
 ApS mís SMB GG; Kiun; A synonymi es subatıuted in Kaus sarpadevalanethyah (AS sarice) suahis AS AG Tho the context is different, $A S$ looks suspicionsly like a lict fac satīpristhädlya (read, ${ }^{3}$ : hau ghi, with hnth Poons edd) wwā pari no

 pravinäh) RV AV VS TB ApMB Barret; JAOS 35 88, would keep pravirah, but since this ${ }^{29}$ a late word, it is probably only a corruption
\$199 The one lease of ph" uncerne a sengeless subtititution of farum for sapham, some sort of umplenicut isām khryalyan knam MS isian hhunalyam napham Aps Tho corrupt in suvam, MS seems to he correct in hirgalyam (ef hhrgata, RV ), for which Aps has a Prakritic à $\lambda \in \gamma$

5200 The $v$ reading seems to be ongual in the followng utsizm (SV * $p r^{\circ}$ ) divah paristava RV BV (bis) prstim can mean nothing but 'ram', as Benfey translates, perbaps the root prus (which also appears as pTy, §680) may have infected the word
mahyam dattud vrajata (TAA prajātum) brahmalokam AV TAA The
TAA reading, at beat a poor infinitive from pra-jan, 18 an untrang-
latable corruption Corom takes it for prajolam by Vedic license' yathapah pravalé yantz TA TU Ksuá yatha yarit prapadah SMB See $\$ 60$
2heha vah suatavasah (TA nuatapasuh) RV MS KS TA AS Significant of the growth in importance of tapas, which here crowds out suatavan, a atandard epithet of the Maruts
tve kralum api vpijanti uzsue (AV apı pricantı bhūrı) RV AV SV VS AA ApS MS See $\$ 57$
dıyam suparnam vīyasam (AV payasam, KS VS TS* SB vayasā, MS TS * mayasam) brhantam RV AV VS TS (bis) MS SR AS Suparis There is no point in calling the eagle 'malky', but Ppp agrees on payasam (twice) Once the AV comm has the hardihood to say that payasamis for va hy Vedic hacense
payarvan mamakan vacah (AV * payah) RV AV (bis) KS In AV assimilation to preceding payasizan, obviously seenadarily But TS TB MS have a further alteration paya wad iirudhām payah amba mippara (TS ApS nivuara, KS KapS nisiara, MS nesmava pp nih smara) VS TS MS KS SB ApS The majonty (in which we count MS with $m$ ) point. 5 to $v$ ratber than $p$, hut the word is obecure in all formis
suvarrapaksaya (MahānU suparna ${ }^{\circ}$ ) dhimahi TA MahãnU 'Goldenwinged' is doubtleas original, aee under next.
darbhaih strnüa hartazh suparzazh (Kis †suvarnaih) KS MŚ hotrß̧adanam hartam hiranyayam AV hotryadurā harıtak suusrnāh TB Aps sumarna- is certainly onginal, as AV shows, of preceding, and, for the reverae change, hiranyaparna sakune etc, $\$ 198$ paruädam parihyuvam (mas mostly pařchavam) AV Naks pariwidam parkisapam ApMA The variant word must meau 'aneezing', see Lanman ap Whitney The ApMB can hardly be anything but a corruption, one ma has "vam
tvam rājās pradivah (VS VSK pralıpal) \&utānām RV VS VSK TS MS KS N See §64
tam ajarebher vrisabhes tata (ApS tapa) suath RV KS ApS Followed by


ApS, which has clearly changed tava ander the inflinence of this påda Caland understands lapa as a voc, 'O Brennender'

VS TA Comm on VS oydpya 'pervading', which is not far from urive 'cncompassing'
anupauhvad (ApMB anu po 'head) anupahvayet (ApMB anuhuryah) HG ApMB In ApMB $\mu$ o intends vo (pronoun), HG 18 corrupt and obscure See $\$ 732$ There 18 no real vanant here, both forms having $p$
 vntanta, TA mriantím) RV AV TA
 as papipansas, corrected, $p$ XXII
$\$ 201$ In a clasa by themselves and of notable bulk are the vanants between the prepositions apa and ava So close are they in meaning that it 18 sometumea hard to decide the relative originality, except in 80 far as it is indicated by gencral usage, by the preponderance of one form among the vamanta, or by the histonc relations of the texte in general nalpa vringate (tavaprjyate) see $\S 198$
ava (AV apa) tamy balam tira RV AV Note that RV has only ava-tr, never apa-!
apa (TA ApS $\dagger$ ana) büdhatām durztīnz onsuã MS TA ApS Both familar
duzantam me 'rabudhusina (Poona ed 'ilhisat, but v 1 and comm ${ }^{\circ}$ sina) TA dirantam apa badhanva SMB If the Puona ed text, se nght, this should be added to VV I 1152
rlhdē̄ samudro apa (AG ',na) hantu pāpam AG PG
yat tatrairn apa tat sumàmi AV yad atrinno ava lat suvami TA
ıdam a ham amusyd mupydyanasıa pōpmanumı uva (ApMB apa) gũhamı HG ApMB
yad auimpkyuc ( ApS api ${ }^{\circ}$ ) chakunih KS ApS MS
 tām »urūm PG
apa (AV ara) fueta palā jahi AV AG SG PG ApMB HG apuh suctepad daghtz MG
ä̈hur anyo 'pa (ApMB 'vai patyatàm ApS HG ApMB muilur anyo 'va padyala SG
saruàn ama yajämahe KS $\dagger$ TB TA ApS darud̃ apa yajüması Kaúa ava-yaj 18 more archaic
indur indum aniajàt (KS auägan, MŚ upägat, v 1 apãgāt) KS PB TB SŚ KS ApS MS
aun diksam asrksala (ApMB adastha) sudha AV ApMB lyam apa (v l ava) diksäm ayasfa SMB
apa ksudham nunatdm arälım TB ava sedim trsndm ksudhain jahr Ksus
$\$ 202$ To these obviously belong two interchanges of audre and apañc, both of which are contrasted with pränc, which makes it certain that $a p \bar{a} \bar{\pi} c$ is intended, and indeed this should probably be sysumed as the true reading in 7 'B in the firat case upäpuicu (TB ovico) abhtohūte nudasua RV AV AB GB TB But Poona ed of TB text and comm apāpāco, clearly correctly


## $p$ and $m$

§203 The few varianty under this head are duhwus or obscure, cxcept for several casca of exchange betwecn the roots tap and tam A certain phonetic fludity (or perhaps graphic confuainn") seems suggested by all of them
§204 The roots tap and tam are quayl-yynonyms sunce early times They interchange three tirues, in two paseages, so that tap occurs cexcluaively in KV texte, tain in T'ait texts
tapasan (TB tamasas) tarn mahinijuyatutkum RV TB
 mū yajaminas tamal (AS yajñapatzy lapal) TB Aps̀ AS
§206 The rest are aporadut:
$k_{\text {sumãa }}$ VS hsupiàs $^{2}$ VSK An arrow is addressed obscurely Coinm on VS 'shaker', thunking of the Dhātup root kismi(z), perhaps confuged with $k$ isubh - Is VSK influenced partly by $k$ sip,
amba ntspara (ntamara, etce), see §200
yukta.s tarro vimpjah yunajmz tasro viprcah (vivilush) , see $\$ 57$
ramo 'gnaye prthochsite (ChU MU prthavi') lokasprte (MU ${ }^{\circ}$ smpte, $\mathrm{CbU}{ }^{\circ} \mathrm{k}$ site) TS IKSA ApS ChU MU And sumilarly namo vāyave 'ntırıķahyıte , namul ädztyā̀ya (namah sūryāya, nama ädlyebhya.) , each time with MU alone reading lokiasmrte All in the same passage There ie no doubt that. lokaspote is onginal, Deusyen rendera MU 'Weltgewshrcr', secmingly having ${ }^{\circ}$ sprte in mind
 TA mriankìm) RV AV TA
 $\dagger m a)$ indra AS SG See $\$ 7 s$


## $b$ and $v$

$\int 208$ This wide-spread interchange, tho partly graphic, is largely phonetic, and very commun in later times But it occurs alan extensively in early times, applying both to original $b$ and onginal $v$. see Wackernagel I $\$ 161$ The mss are unstable and inconsiatent in their writing of the two sounds There are indeed'words like the prepositions uz and aun, or the ruota ud and vad, or the noun mira, which are presumably never, or at most very rarely, writen with $b$ On the other hand there is ecarcely any uriginal $b$ which is ont ocamonally written $v$ ( $p$ ıhä $m_{i}$, for instance, for pibämi) This elusive theme (cf Grasamann, KZ 12 123) is, perlaps, rather illustrated than cleared up by the Vedic variants The divergent readings of the printed texts are not to he regarded as 'achool' differcnces, hut are illustrations of the total of an unstable and largely untrust worthy tradition
$\$ 207$ Nearly all cites are purely phonetic variations. in so far as thcy arc not, possibly, graphir There are only a few which involve real lemeal change Theare are
 The original avidhus = ava + adhus 'thcy have put away' TB understands it as an anomalous root-rorist from hidh 'they bave overcome' Puona ed of 'l'B haw indeed avädhus in ite tevt, but the comm even there has abridhus, glossing nenästuvaritah
devim aham nirflım bädhamänah (TS valulamãah) TS KS Apś 'Subdung' or 'pransing' lhe Goddess Destruction TS dontelesa secondary, suce its own sūtra agrees with KS, hut it is natural enough, since the preceding pasuage pnds with 'Hornger to Destruction'
yatra-yatra mibhto (K'S bubhrato) jätamedih AV Ks yatra-yatra jütavedah ambabhuitha ('ГВ sambabhüre, but Poona cel text and comim ${ }^{\circ}$ tha) TB Apsi The form is dubious The text tradition of $A V$ (19 . 1 ) supports bi-, not $2 n-$, msza almoat all bibhytu ar bibhrath, the the comim reads $m$ - and so both editions All threc mes of KS bi- (wv ll bibhrtg and beshyato) In spite of all this, it seems hardly pousible to construe anything but w-bhrlu (note that the accent must be also changed in botli tevts) Cf inpxt
atandrāan yuvatayn tubhriram (TB Cone mhhartram, Puona ed text and comm bibh ${ }^{\circ}$ ) RV TB Cf preceding, here we have adjective epitheta of Agnı ('CB comm poyakam, understanding a reduplicatcd form of bhr)

absurd form of most $\mathrm{A}_{\mathrm{p}} \mathrm{MB}$ mes 18 retaned for reasons explained by Wintermitz, Introd, xvi
usta (MS ustão) elam dhūrvähau (KS dhūrbàdhā) VSK KS MŚ Others, $\$ 122$
yäv (MS KS yd) atmanvad bibhto (KS $\dagger^{\circ}$ tho, AV wasathu) yau ce rakyatah (AV KS ${ }^{\text {othah) AV TS MS KS }}$
[tujo yujo varam (SS text, balam) a ahah AA SS luje jand (ArS jane) vanam suah AV ArS This difficult pasage only seemingly concerns our theme, ance balam is Hillebrandt's emendation in SS |
j208. All the remaning cases concern the asme word which appeara now with $b$, now with $v$, the rueaning being precisely the eane There are no school customs governing the sounds as a whole, tho there are some as regarda individual words The variation ta about equally common With onginal $b$ and original $v$, and in not a few cases it is ruposable to be sure which was origual Among indications of greater orignality three criteria may be considered, aside from the numher and relative antiquity of the texts concerued First, general prevalence of one apeling in the language as a whole Second, auch prevalence in the older texts Third, the evidence of etymology When all are combured, the case becomes quite clear But especially $b_{18}$ for the most purt doubliful histoncally and etymolozically (cf Wackernagel I $88158 \mathrm{~b}, 162$ ), ao that the variant words whose etywology is certan nearly all contan $v$

## Original $\eta$

6209 Webegin with forma in which $v i s$ certanaly or probably original There are no less than mine vamanta (not all textually certain) contanning forme of the root vadh or badh, of which the former seems older (badh not in RV) and remans commoner thru the language The occasional b-forme met with fromi AV on are probablyin part due to the suggeation of the root bädh (and perhapy of bardh) In several variante, VS texta (particularly VSK ) seem to favor badh, but contrary instances occur
dvisalu badho (MS vadho) 's VS KS MS
ma lvd samudra ul vadhin (VSK budhin) mā suparnah VS TS MS KS SB
tvayilyam vitram vadhyät (VSK ba ${ }^{\circ}$, VS SB barhet) VS VSK TS MS KS SB
$m a ̄$ me diksām mā lapo nır nadhısta (KS ba') TS KS MS abuch hqma ruksn 'budhzsmamiem asau hatah (VSK rukso 'mupya tua badhayimum abadhesma) VS VSK SB KS avadhzsma rakpah TS MS KS TB ApS MS
 SMB) uadhih (TAA S.MB badhih, but Poona ed of TAA and Jörgensen's of SMB both va ${ }^{\circ}$ ) RV TS MS KS TAA SvetU SMB mai no virān rudra bhamano vadhth VS
avartyà badhdyopamunthıtāram (TB avartyaı †radhä ${ }^{\circ}$ ) VS TB (so Pnona ed)
ndearid (TB ${ }^{\circ}$ rīr) aeya samptım vadhannäm (TB ba ${ }^{\circ}$, but Poona ed vaº RV TB
ayanam mã vivadhir (TAA viha ${ }^{\circ}$, but Poona ed text and comm viva ${ }^{\circ}$ ) vihramasva ТА ГГАА
Cf also the following, in which MS 18 surely corrupt (sep §260) Apparently MS MS understand fonns of vadh, badh, while TA has a form of urdh
mí rudřȳ̄̀s ubhz gur vothänah (MS abhz gulbadhänah) MS TA mia no rudräso athe gur wathe riu (inss nuh) MS
$\S 210$ Another group of seven variants contams the name of the demon Vala, also written Bala from AV on (under the influence of bala 'strength'") Asule from the fact that Vala is the exclusive form in RV, the word is prohably connected with rout ir indro valum (MS buhimi ialsitiram dughinam RV AV MS
toum valurya (AS bulesya) gmoulah RV $\dagger 111$ 5, SV AS
bebherla vnlam (AV AS balan but many AV mss valam) bhrgur ma sasāhe (AV sasahe) AV SV AŚ SS
ud valasig/ibhinat (hut all mes ²nas, which read) tvacam ApS ud balavyibhe nas (read balnsyubhintrs) tuaram MS The form abhenas is for abtiznal, 2d perano umperf, with $s$ for $t$ by analogy with 2d persona ins 'Thas curious and intereating form might be recorded in VV I $\$ 262$, luot there is no real variant, the trie reading of both texts heing abhinas
yo yā udajul apa (MS apı) hı valam (MS balam) wah RV MS
indro yad nbhinai valam (GB bulam, but Grastra vnlam with niost of his mas) RV AV SV AB GB
sa bibheda balam (V'S and Poona ed of l'B unlant) maghain (MS madyam) VS MS KS 「ГB
§211 There is no doubt that the words for fat, pilas ctc, have original $v_{\text {, }}$ as shown by the cognate languages as well a; by the preponderance of $v$ in Sanskrit Nevertheless there are $\perp$ few b forms, some of them of dnubtifl textual authenticty
pīvo vrkkn udārathzh RV lis pī̀asphäkum udiruthem AV In AV Shankar Pandıt prınts pibaspäkum (comm pīaspakam, explaıned
ay 'fat-cooking'), and declares this to be the unanmous reading of his authorities, which is at vanance with Whitney's mos Ppp has pivassākam (Barret, JAOS 30 191, em pīvaspākamı) udahrtam Cf Whitney on AV 473,317 3, and Index Verhorum of AV under $p i b^{\circ}$ and $p i v^{\circ}$
дapharvyam ca pivarim VS TS MS KS SB VāDh pibarim ca prapharyyum AV (comm pin ${ }^{\circ}$, Ppp according to Roth readylike VS etc except praphanuyam)
neva miñer na pībası $A V^{\prime}$ nulva mānsena pìvara $\mathrm{PG}-\mathrm{SPP}$ with some mes and comm reads pī:ası in AV, so aleo Ppp (Barret, JAOS 26 205) PG, tho with correct $v$, is corrupt otherwise (as if voc sing fent of pienan!
\$212 In the root $v_{T} h$ or $b_{f} h$ 'tear', the orignal consonant is uncertan It has no known etymology, and lioth $b$ and $p$ are traditionally recorded in RV Wackernagel I \$161 regardè $v$ as onginal, on not very subatantıal grounds He also points out that confusion hetwern this and the other rout $b_{T} h$ 'be great' etc, has helped the vartition in spelling (cf $\$ 215$ ) Later, brh seeme in be cominoner in the sense of 'tear' The two variants recorded amount practically to only one, a; they are modulations of the same formula in the same passage In them irh is the real reading of all texte, Weher erronenusly prints brh-in TS against nearly all his mes
 pra urhamı lis adityelhijas tū́ prat vrhämı MS Add to I'V I 8.312
vasatas tmè pra wrhantu (TS ed brho, most mes vo $h^{\circ}$ ) gäyatrena chandara TS Aps
\$213 There are five examples, moatly dubious, of vandhura (iundhur) bandlura, RV always spells the word with $v$ Connexion with root bandh is therefore unlikely Bloomfield, RVRep 236, analyzes the word as $\mathrm{t}^{\prime}$ an + dhura (dhur) 'board at the head of the wagon pole' trunaralhiro (TB triban", Poona ed trivai ${ }^{\circ}$, comm triban ${ }^{\circ}$ ) manasi ynitu yuhtah RV TB (in Conc by error, TS ) MS
a yähy aniña upa vandhuresthoh (GB AA ban", hut Gaistra and keth in both van') RV AB KB GB AA SE
pra nūnam pūrratandhura (VS SB LS ${ }^{\circ}$ ban ${ }^{\circ}$ ) RV VS TS MS KS SB, LS
ratham heranyavanalhuram (TA sahasraban ${ }^{\circ}$, but. Ponna ed text and comm 'vari', wnthv $1{ }^{\text {º }}$ ban ${ }^{\circ}$ ) RV 1A trivandhurena (KS tribnnc) tritiō rathena RV KS
$\$ 214$ In the following isolated cases $v$ is also probably onginal vahzithebher (MS bua) viharan yäs (TB pāhı, but comm and Poona ed text, yäsi) tantum RV MS KS TB AS ApS The word can only mean 'awifteat.', root vah
elad brahmann upauılhimusi (AS apa ${ }^{\circ}$, LS upabalihīmule) ticū VS AŜ SS LŚ The root is valh, apparently always except here in LS It is perhape a form of uth, § 212
capyain (TB Poona ed cappain) na päuur bhisaa usya wälah (KS várah, TB bülah, Poon:a pd välah) V'S MS KS TB l'he word meany 'aleve' and is regularly yala, or in the older language rára The monverge of this in the viriant kürkuro bälabandhamah (vida ${ }^{\mathrm{c}}$ ), where properly builu 'chuld', 8215

## Original $b$

$\$ 215$ In the folluming the $b$ formis certanly or probably onginal The VS texty arem to show a tendency towards 1 , in spite of thar neemung (") proference fur $b$ in forms of $\begin{aligned} \\ \text { mith ( } \$ 209 \text { ) First threc cases }\end{aligned}$ in which etyinology proves $b$ the older savitrprasütō brhaspataye ( PB LS* turh ${ }^{\text {e }}$ ) stuta GB PB Yalt LS
 ir ${ }^{0}$ wheli naust be correct (elmee quoted from PB which has vi ${ }^{\circ}$ ) On the other root vih, 'tear', see $\$ 212$
kirlicrobríhabarulhanah (ApMB vila ${ }^{\text {a }}$ ) PG ApMB Both must intend bala, 'child', probably c:onnected with Kuswian balorat' 'spoll' (treat as a chuld)
 VS JB PB SS Vait Tho PB comm repents the incredible ī̀rababhū̀ia, it 19 douhtless corrupt
\$218 In the following b forins are older or more uaual, tho the etynotugies of the wordy are unk nown
 Poonu rd hilbe) AV Ms TR TA
 poa klif ${ }^{\circ}$ ) RV VS MS LS ApS
krte yonau (liS hyto yonar) vapateha bijam iVS S̈B vijam) RV AV VS Ts MS lis SB
husto (I'S vasto) rayah VS TS MS lis SB Aps
dhamantı häkuram (.JR $1 i^{\circ}{ }^{\circ}$ ) drtım RV JB

## Ongunal b or $v$ uncertain

8217 In the reat there soems to be no decisive evidence as to the onginality of $b$ or $v$ The V'S texts again aeem to favory Firat, three cases of padbrifa or 'visa 'fetter' It 18 always spelled with $b$ in RV, which is not favorable to ita connexion with Latin vincio (Wackernagel 1 \$181), of Edgerton, Studues in Honor of Hermann Colliz 30, and on the false form ${ }^{\circ}$ Uinjo, JAOS 51170
 AV VS LS Aps
samdānam arvantam padbisam (VS MS ${ }^{\circ} v i ̄ ̄ a m$ ) RV VS TS MS KSA yac ca padbīsan (VS MS ${ }^{\bullet} v i \bar{s} a m$ ) arvatah RV VS TS MS ISSA Here the sole ins of KS has ${ }^{\text {onisam }}$
$\$ 218$ Two vanants contain the word bina or vina 'arrow', both Rugvedic In later Sanakrit the $v$ form 19 coinmoner yatra banäh (VS unncih) samputantz RV SV VS TS AG
 uta VS TS MS KS NilarU
$\delta 218$ The reat are aporadic, and all concern words of obacure orign magadhah punscal kitavah ktibo (VSK punceuli khvah hilavo) te prajapatyah V'S VSK kliba appears to be cunimoner digbhyo vadabe (KSA vadave) TS KSA badabd and vil are also found druāsz VS drbī̃s KŜ drubūs VSK An arrow is addressed, aand to mean 'piercink' (root $d \bar{r}$ )
 KS SB TB ApS MS Doth conimon, RV knows only b (once) viśarīpā sabralì (KS sataly) agniketıh TS KS PG bis corumoner marudbhyo grhamedhzbhyo (MS "dhebhyo) buskihän (MS mas', ApS bäshán) VS MS Apş Rare and obscure
subīrana (HG suvirınah) srju-srja (ApMB adds surnalia), and, Sutuìn apram subirarıah (HG suvirınah) HG ApMB Anomalıus name of a dog-deniou The ApMB mas arc discordant aulaba (HG ${ }^{\circ} v a$ ) at tam upā hrayatha (HG ${ }^{\circ}$ ta) HG ApMB In same context as the precening

## $b h$ and $v$

5220 These vanants, few in number, are never purely phonetic but. always involve tolerable lexical shifta From out of the facile intercbanges of all prepositions come a amall group involving abhz and $v i$, in most, probably all, of which the abhe forma are prior

bhuvanä mocsite AV Cf abhi yo uribua bhwanäni caple RV, and abhi visuini bhuvanane caple RV
devanam usstham (ApS $\dagger$ nıpthärt) artu yo vi ladhe VSK TB KS ApS divo vabhivithdm anu yo vi casle MS
mandräbhıbhütıh (MS mandrā űbhiztıh) ketur TS TB ApS MS ustrimukho rudherenibhyaktah (TA ${ }^{\text {ajuryaktah) MS TA abhyakinh }}$ 'smeared', is clearly onginal TA comm understands a-vyaktish

5221. The participles äbhrtam and āıram exchange in two padas of the asme atanza, the onginal form of which contained both, aecondary texta varioualy assimilate each to the other, see Whitney on AV 6 1252
varuaspatıbhyah pary äbhrlum (MS āvplem) sahah RV AV VS TS MS KSA
apdm ojmānam parı gobher auplam (AV ābhrtam), aame texta SPP with anme mas and comm aurtam for AV
$\$ 222$ The rest are sporadic
 gible, it has intruded from the two preceding stanzas where it makes good aense See Whitney's note
ve no duisanly anis tinn rabhasva AV yo no duesti tanum rabhabua MS yo no dvesty anu tam ralasta ApS See AJP 27 413, Caland on ApS 7172
adrrihathäh barkaribhis trimptapi (MS tribhrstibhih) KS ApS MS The onginal meang 'Thou hast made thyself firm over heaven with pebbles' The MS assmulates the lagt word in meaning to sarkarübhzs, 'thou hast made thyself firm with three-ponnted pebbles'
bhanuaso (ApMB dhvansaro) vı uthãmı te KV AV ApMB Cf §176, dhva ${ }^{\circ}$ has a sort of assonance to bha ${ }^{\circ}$

$$
v \text { and } \pi l \text {, phonetic clanges }
$$

$\$ 223$ This theme is important both for text-variation, and for the hastory of Indian dialects Much is here added to Bloomfield's paper JAOS 13 xcva fi, and it may be remarked that gramenatical treatiaes sunce that time (1886) hardly credit the phenomenon with the degree of importance that attaches to it See Wackernagel I $\$ 177$ note
$\$ 224$ The cases which apem mnst clearly phonetic, in the sense that they defy independent lexical interpretation, are presented first They are, to be alire, often inere corruplions, hut even these contribute their
mite of evidence to the proof of inatability between these sounds Furst, with ongmal v
 RV AV TA And
ucchuañcamand (TA ucchmañi) prthuvi su tisthatu (TA hi tritham) RV AV TA (To be added to VV I $\$ 116$ and 332 ) See Wackernagel I $\$ 177$
sukimain nemaralsaru AV sukevam somaptisaru (TS sumatztsaru) VS TS MS KS SB V̄Dh Attempts are made to explain susimam as su-siman, or from root, si with suffix ma, but while some auch infucnce may have contributed, probably the varinat is cssentully phonetic
 vayam tava RV AV SV MS SMB HG ApMB mui rasioma vayam tava Vait GB AVPpp (Barret, JAOS 26 278) The formula vayam tava 'we brlong to thep' secms to have been mispronounced in MG, was the latter viguely felt as vocative of an impossible "vayamiama (as if superlative to vayas')"
à tuam (GB âmam, Ghastra à tham with v lâmam, LS à suam) inulrāya pyāyasva VS TS MS kS AB GB SB AS SS Vait LS (Probuhly àtumis to he read in LŚ, its edition 13 very untruatworthy ) The converse corruption in Kaus 65 15, where four of sevpn mss read devá tvä for denialmā
 antuh RV MS TB ApS anumimüsn, if correct, mught perhaps be a casc of assimilation, but it may be only i misprint which escuped the editor's attention The pratikn occurs as anamināah later in MS 412 ( 1978 )
nt dūrusiravase vahn (SS mahah. all mas, ed cm vahah) AV ŚŚ
$\$ 225$ On the other hand the $m$ forms are original in the following, the $u$ forms being often mere corruptions, of JB pratitam devebhy" justam ha tyanasthat, where ohavyam asthat is pretty certannly mitended ägaldü dhamanīnīm MS N à galgai dhavaniñàn ApS dhamanī 'veın' is corrcet, indeed the whole pāda ia corrupt in $A p s$, все $\$ 144$ Possihly thought of dhav(dhu) = dhäv 'run' inay have flitted thru the mind of the Aps redactor
agne yahz dülyam mī risanyah (TB dütyamı värzgenyah) RV MS TB ApS Comin on 「ГВ vārıjenyo mã rírisah (= mã riganyah') purar díläm (TA duttiv) asum adyeha bhadram RV AV TA 'Let them (the two doge of Yanas) today give back happy life' The
preceding pâda is tāv asmabhyam dfauye هūrynya, perhapa TA's daltāv is contaminated hy the preceding tāv The comm, at any rate, feela it as 3 dual mpv act $=$ datlā̀n (dallau prayachatam) There 18 no accent on dallau
sa ma mrtus (MG vital, one ms intlam) AG ApMB MG ef lum mud mrdhah SG mita is required 'ruay he not die' .
sarasvalyä adhz manile (KS mānū, SMB Conc vanāva, Jorgensen manāv) acarkTsuh (araktsuh, curkrdhl, see §170) KS TB ApS saranvulyàm alth manaiv acarkfyuh AV The mes of SMB wheh read vanaiva have simply a phonetic corruption
brhaspatıy tvä ('I'S KS ApS ${ }^{\circ}$ ťs tvã) sumıne ramnatu (TS ApS rantatu) VS TS MS KS SB Aps MS And
deva tuastar vasu rama (TS ranti, MS rane) VS TS MS KS SB Here the verb etpin ranid of the Tait school is hased on the adjective ranna, but surely promoted by the affinity between the sounds $m$ and $v$ Comm on TS 1371 , ranua ramanīyam kuri See VVIp 121

## $r$ and $m_{1}$ lexical variants

g226 Next wer come to cares in which the lexical element. is more prominent than the phonctic That is to say, taken case by case, these interchangey might be regarded as involving synonymic paidas or formulas, in the sense in which they are dealt with in Rl'Rep 5.53ff Yet, becsuse a large nutuher of such cases peratst in showing vanation between $m$ and $v$, there is surely a phonetic basie for even these as a whole
§227 Thus the roots man and misf, and derivatives interchange a number of times, heginning with the RV itself
sidanth mamaṣo yathi IRV sidanto vanuşo yatha RV SV LS In RVRep 60 ff the first formi is aken to be original The mental operation at the hotiom of the clange reappeare in the next variant (there discussed), in which, as in nearly all the cases in this paragraph, in is again prior
manusvad ('ГB tan'syad) deva dhimah prucstn.am RV TB
 asmin) V'S AS SS Vait LS 'Thinkink in reply' 'offering, presenting in rethri'
purutríl tr manutām (AV maviatiom) urphatum jagat RV AV VS TS MS KSA N 'Iake note of' 'acquire', jagat is subject in RV etc, object in AV See VVI $p 266$
surlasya mandmahe ( 8 V va ) RV SV 'Have un mund, purpose' 'desire' ürjam bibhrad vaswanih (VS LS SG ApS* vah aumarah, Aps* vah suvanth, ApS * vasumanäh) sumedhah AV VS KS LS ApS SG HG 'Winning wealth' or 'very acquasitive' 'well-minded' or 'minded to wealth' Note three different readings in ApS AVPpp. has vasumatih Fipithet of an owner of a house, all epithets fit well enough, but the readings with man may be asamilated in meaming to the following sumedhah
\$228 In three cases, somewhat dubious forms in ūrm-sad ūrv- (urv-) wterchange, perhape this 18 partly a matter of genume phonetica, and not lexical, of ūrmilo, in the Ränayana personnfied as aster of Sita, probably connected with Vedic urvari 'field of grain', which 18 assocrated wnth sita 'furrow' among the genuses of the ficld PG 2179 , see $J A O S 13 \mathrm{p} \times \mathrm{cvil}$
 ca VS TS MS namaz sūrmyāya cormyāyu ca KS Mahidhara on VS denvea from urri 'earth' with ī̀ by 'edic license, or alternatively from ürva 'submarine fire' Keth adopts the first interpretation Nether ia planable, and urmya 18 probably the true form, ürvya possibly merely a phoneric equivalent
ulsam jußasua madhumantam ūria (KS MS ūrmım, VS arvan, VSK ${ }^{\circ}$ era satadharam arvan) IS VSK TS KS ApS MS The combinstion ūrmi marthumat 'honeyed food' 1 frequent RV 457 2, $581,7472,965$ The vocative üra in TS 18, as Keth remarks, probably uncorrect (he renders 'ocean') This vocative seems further corrupted into the common adjective arvan in VS VSK rudrātám urvyılyām (ApS ūrmyàyãm, SS omyāyām) suādulyā adutaye syämãnehasah (ApS adıtaye 'nehasah. SS àdrlya arvehasah) SB SS $A p S$ SB, 'in the vastness of the Rudras', SS, 'in the favor of the Rudras' ApS seemasecondarily to blead the forms of the other two, ürmyä 'might' (RV) gives no chance for intelligent interpretathon
§229 In two variations of the roota mand 'rejoice' and vand 'extol', each 18 once prior
mardadvirnyequlave RV vandadvirñyendave SV maghatan vandıгimahı (TS MS ISS LS mand ${ }^{\circ}$ ) RV VS TS MS KS SB LS
$\$ 290$ The noun medhd (medhas) 'hymn' and its denvative adjective medhya, vary with medhd (vedhay) 'pious', or with vedya 'well-known' vedhäm asdsala (SV medhim ans ${ }^{\circ}$ ) srıye RV SV $\dagger$
avocama kavaye medhyaya RV VS T8 M8 pra vedhase kavaye vedyaya (TB ApS MS medhydya) RV KS TB ApS MS srutkarnaya kavaye vedydya AV KS ApS
§2s1. Soinewhat similarly, the word meden 'ally' is replaced by a slovenly vedin, if Scheftclowitz's ma of RVKh le to be trusted (note also the corruption $k r n v o$ for $k r n m o$ in the ma of AVPpp)
asya (K8 and RVKh Scheftelowitz, iha) kurmo (RVKh kulmo, Scheft em kurmo, KS krimu, AVPpp ma krnvo, for kTnmo harivo medinam (RVKh Scheft vedinan) tva RVKh TS KS TB AVPpp (Barret, JAOS 37 263f) asmäkam abhür haryasva medī AV Cf $\$ 263$
§232 The worda mayas and vayas, practically synonyms, exchange in two asaociated formulas
hayo datra edht vayo (VSK $\dagger$ KS mayo) mahyam pratigrahiute ( SS ${ }^{\circ}$ grhnate) VS VSK $\dagger$ SB SS And, in same parsage
prāno dätra edhe vayo (VSK SS mayo) mahyam pralıgrahütre (iSS © orhnate) VS VSK SB SS In two accompanying formulas all tevts read mayo, is SB vary the expresgion with vayo
$\$ 233$ In two cases the syllubles sama are changed to save on fant lexical eugepatione rasuing fromit the rout su in the context.
sahistastnamt prasutena yantah PB TB Apis sahastabavaprasavena yantah MS
tasmiā u adya samani (SV savane) sutım bhara RV AV SV
§234 The rest are spuradic
Ériminn apsu mpījata (SV urnjate) RV SV Subject 13 somäh 'are purfied in the witera' It is hard in see other than phonetic reagons for the SV alteration of thas paida, which occurs twice in RV Posably, however, SV nicans 'are worked, upersted', asbimiting the ufea to the sphere of the barhis, of Bloomfield, $J A O S 35$ 273ff
acht ma (SV Svidh va) indram matayah starvidah 'SV svaryuvah) RV AV SV GB AS SS Vait Svidh Change of person as in indro vah (AV me', sarma yarhatu RV AV SV VS 'TS, or in the persons of the verb, WV I $5 \mathbf{5} 290,307$ For others of thes sort see our future volume on Pronoins
amba nigparu (ntstara, neyvara, nısmara) VS TS MS KS SB ApS, se.c $\$ 200$
 T'S MS KS SB N dhruvamayä (AV ayo) dhruvam utisamıpthih (AV utis Satizitha) RV AV The AV is clearly a phnnetic vanant or corruption (comm and Ppp utitamas(hih) See §86
yat ksurena marcayald (MG varlayatī) sulejabā (AG PG ApMB HG вирекавиi) AV AG PG ApMB HG MG 'Injunng' 'monng' In AVPpp we find varrayata, a surt of vox medua, perbaps with thought of varcas, but really of course corrupt
yuhtüa tıar ; vimpgah yunapmi lisro unprrah (unvptah) , aee $\$ 57$
§236 In some of the preceding, other changes than this one are made in the words In the remainder these changes are rather more drastic, so that the phouetic resemblance between the two worda becomes much fanter, the variation in these 13 presumatily almost purely lexical, with ouly the alighteat phonetic tinge
 suafrah RV VS SB 'I'B Tho TB is eecondary, it makes about as good sense as the others, coinm rukmin pragratan ayuvase adaya mertikuru
drapraśs cushunda prthrièm anu dyām (RV prathomãn anu dyīn) RV AV U'S TS MS KS SB TA Interesting case of the spread of dyu in the sense of beaven', producing its upposite prthen in all later texta againat RV
kauberakd visuardsah HG mustavasuaah kauberakish ApMB (proliahly original)
 ya me muhham pra marhiynte (ApMB veksyati) PG ApMB 'He will cleanse (enter) my mouth ' Probably PG is onginal
 TA - Ppp (Roth) m.anta
ulharo mad asau vadrit suäha A pMR adhurn und usan vadü suăhä HG $\dagger$ adho tadädharo vada HG ApMB certamly original, the first form of HG unquest innably intende the rame, and vad is a corruption or phonetic variant for mad
 MS MG vetrunyu haninnztãs (VSK ${ }^{\circ}$ nakisst) VSK TS ApS Secondary change in IiS
aniu tuā harıno risis (ApS mrgah) AV ApS asädhäya suhamã̀uīga vedhase (TB mîdhuse) RV TB N matro 'VS ripro babhūus saprathäh RV VS TS MS TA pra hanssisas trpulum manyum (SV ${ }^{\circ}$ li vagnum) acka RV SV kalpantam te (TA * me) dişah sarväh (TA* Sugmāh) VS SB Г
$\$ 236$ Deserving separate rubrication are a few casea which invulve diferences in woril-division, of in division of parte of compriund worde Here the partially phonctic character of the change seems particularly clear, pven if the secondary rcading yielda good sense

## utem anamnamuh TS MS AB AS ApS MS uteva namnamuh KB SB SS KS

athem ava sya (AV athemam anyd) vara a prthryyah AV TS AS SS MS The original is ara sya 'set free', AV secondsmly bringy in the familar notion of zyam prtheve (in genitive form)
tuvz-guanasam (TS JB tuerk-manabam) suyajain ghytaíriyam RV TS
JB SB MS The RV supporte its reading by nuincrous instances of tuvi-suan ( -2 , -as), whereas tuvis- dops not nccur in compounds unsunundum (AV ${ }^{c} v i d n$ ) varum avzivam-znvam (AV avz:va-vnnäm; RV AV The AV ehange te due to preceding wisva-i:udo, see Fdgerton, Studiey in Honor of Maurice Bloomfield 128

TB See the contert, quoted IVIp 163, note that the preceding pada endsin $m$
 ${ }^{\circ}$ rumb, AS SŚ vïm ryirui) AV TS MS KS AS $\operatorname{si}$ S The sūtra texts mouth nucr the pascage into a sort of nonsensical eense: 'good prass ( 19 ) gong to you twoun every house'
bharatum witharem ane'stinca (ME witharemu tarusantz) TB ApS Ms
 'yam mavarnainputh Ther corrupt ME reading then seems to have a plionetic -ubstitution of $v$ for $m$
 Sce \$:159

## $n$ and $m$ in inflectional endings

$\$ 237$ Vanations in mominal and verbal inflection elicit interchange betweeu acc eing and nom -ace dual, between nom-icc dual and gen plur, between let person dial and plaral, and an on Simmar casea occur among corruptions of the inss, thusin Kaus 6019 two mse redd manthankim for marthantät, and in Kams 711 all mas aniso rīju vibhajatīnam agni, where the ed cmends imaim to $\operatorname{man} v$
ftena (MG rte 'un) sthünam (ApMA HG sthünür, MG sthürid) athr rohatunsa (MG ransah) AV AG ApMB IHG MG liaus Roth quotes Ppp as sthinad dhz
 MS KS For the VS SB form sore $\$ 1$ lag
 refere to the Asivina, AV has a stuphe simplification
 tam) 55 PG SMB GG The Sis is eecondary and poor
aparasdu anu datenm rnam yal (TB TA mani) AV TB TA apsarasaim anudattanptiòn MS (p p anu. dathànı, manı) MS. 18 hopelews, see VV I p 282
2dam vatsyđuah (AG valoyäno bhoh) AG HG See VV I p 249, others on the same page and on pp 263, 276
adhrsfam dhpquvajasam (SV dihronum ojasd) RV AV SV 'Having terrible strength' 'terrible in strength'
$v$ and $m$ in noun-sulfixes
§238 On the mubject of Bender. Suffixes mant and vant, Baltımore, 1910 The variation between mant and vant 18 there shown to depend on the next preceding vowel, without regard to intervenumg consonanta If that vowel was an a-vowel, the $v$ form it regular, otherwise the $m$ form In prehistoric times perhapa the $m$ form occurred only after $u$-vowele, of Sturtevant, AJP 50 360ff, TAPA 6033 ff The difference between this and Bender's formula would concern practically only preceding 2 -vowels, and Bender's work shows that after them $v$ is much commoner than after $u$-vowele, which looks towards Sturtevant's position In any cree the onginal conditions are, of course, much confused in the histonc texts, and much more so in the later than in the earhest texts Our variants, however, show one or two cases in which an irregular form in an older text is replaced hy a regular one later The asme conditions appear to apply to other $m$ and $v$ auffixes that are found with mant and vant Variantenccur in the readinge of individual musa, thue at AV 19423 sutramne for suträrne, and at Kau's 891 four out of acven mse manuabhzh for manmabhih We shall return to this subject in our volume on Noun Fonnation
§239 We begin with variations of nuat and vant (or, once, vin, once, vari)
udyan raksatram arctuat ('TB ${ }^{\circ}$ mat) HV SV $\mathrm{T}^{\prime} \mathrm{B}$ Note that KV also knows arcimal
tapur yayantı carur agnvoin (AV KS omän) tva RV AV KS N agnzuàn la read by AVPpp, aqnimant not in RV This may perhaps be used in support of Sturtevant's theory
 triìyarya savanasya rbhumatu (ApS ${ }^{\circ}$ syarbhu*) brhuspatunto (KS ${ }^{\circ}$ mato) KS ApS MS The majority show vat after I indram adztyavanlum vajavanlam brhaspatimantam (AS itantam) mivaderydvanlum ävaha KB AS SS Here only AS has vant,
and it 18 doubtleas eecondary, suce the Brahmana text has mant, vant may be due to the influence of the surrounding forma in vant But of next.
tasv adhvaryo (SS $\left.{ }^{\circ} y a v\right) ~ v d j a v a l e ~ b r h a s p a t z v a l e ~\left(S S ~{ }^{\circ}{ }^{\circ}\right.$ mate) viśvadevydvate AB AS SS Here again we might suggest the surroundog vant forms as source of brhaspati-vale, but this time the older Brahinana text reade -vale Note that AS belongs to the school of $A B$, and $S S$ to that of $K B$ (cf prec), the two schools seem to have affected different forms
 züvatih) RV AV VS TS MS KS ViDh The orıgnal form has suffixal vari, fem of van, according to any theory it nust be judged as unhastonc It is replaced in later texts by the more regular matt, or in TS by the still uregular vatī, which looks like a blend of the other two
apām napíd kukudmān (MS kukubhvān) TS MS KS devir āpo kukunmār VS VSK SB See §178
heraryaveil annavad thehe (ApS [rcad] annamad dhehr) mahyam KS ApS See AJP 27415
tyepam caksur dadhzre corlayanuat, (RV ${ }^{\text {mata }}$ ) RV TB ApS Psychologically, tho not formally, this variant belong here, codayanmati in RV is a compound with the noun matz 'they made (thee, Agni) a bnght eye that inspires devotion' Later texts conceive the word as containing $n$ suffix, alluwing it the $v$ form required after an $a$-vowel TB conım, accordingly, uldhäyakavākyayukte (karmani)
§240 The rest concern man and man or related suffixal forms nfsadvā (SV ${ }^{\circ} m a$ ) sidad npim upasthe (SV apām vinurle) RV SV sadman (also RV) is in the mand of SV
 unquoted form of TB plays upon thaman (sia-dhaman suadhāran)
 SB TB MS ApMB Bnth forms are Rigvedic, ef next
āyoh putmane, svāhā KS àyos patvane suāhū ApS Cf prec
kavin prchāme vilmane (AV vidvano) na idurin HV AV Assimilation to vedurin in AV
mitajñavo yarimanin (TB ${ }^{\circ}$ yann, but Poolla ed metajmawo varimumn) d prthrvyah HV MS TB varivan 13 not recorded, unless here
vargmā (VS vargımd) ca me drdghtmā (TS dräghuyd̃, KS drdghva, MS draghmä, Kaps dräghimà) ca me VS TS MS KS The cunous TS forms seems to contan in its $u$ a relic of aufixal van
[ápataye tyä parıpataye grhniemz] lanirnaptre (KS adds sakmane) sakvaräya sakuana (KS sakmann) ujv̧̧hāya VS KS SB tanūnaptre
 .akmann ojwithaya VSK In KS the atem sakman is first used as an adjective 'strong', then as a noun 'strength'
abhzkhyā bhäsīa brhalā susuhnanzh RV drষ̇e (MS draī) ca bhāsd bThatā sudukvanih (KS ${ }^{\circ} \mathrm{rabh} h \mathrm{~h}, \mathrm{MS}$ susihmani) VS TS MS KS SB The MS form owes its $t$ to dissmilation or thought of the word sikuan 'able' (RV'), the change to $m$ may be due to the fechng that $m$ should occur after a non-a vowel
avaupayann asıtum deva vasma (T'B ApŚ vasvah) RV MS KS ГВ Aps Comm on TB explains masm as ace sing of an agent noun, visaythiram ärhädaham The form las very difficult, but one may think of vastah as voc of a stem vasian 'wealthy', agreetng with deva, in which case the accent in TB must be deleted prathamaya jarisje bhuvanesthīh (SS' bhüma nevthäh, AS ed bhümanesthäh) AV AS SS Ppp hasbhūm ${ }^{\circ}$ The $S S$ reading makes good sense 'thou shalt lead the world' AV'S has bhumane-sthah

## $m$ and $b$

§241 The few varations of $m$ and $b$ are related to those of $m$ and $v$ thru the medum of the unstahle conditions that govern the relntion of $b$ and $v$ A large number of interchanges het ween mahat and brhat are not included here, as being too sunply and obviously lexical, see, provisionally, the Conc under these words
parā dehi sümulyam (ApMB säbalyum) RV AV ApMB The bridal garment, defiled after the wedding night, is named here alone sümulyam, which at least suggenta sumala 'stann' Apparently ApMB is influenced by (abala 'spotted' See §607 asambädham budhyato (many AV mas ma') muanavānüm ( $\mathrm{Ppp}^{\text {cetesu) }}$ AV Kaus asambādhā yū madhyuto mänavebhyuh MS Sense and text tradition require madhyato The form $b a^{\circ}$ is probably due to asamilation to the preceding -boulham (so Whitney), it is un any case a corruption This is immediately followed by yasyā udvatah pravaluh sanam bahu (MS mahal) AV MS Synonyms, of brhat mahat, referred to above But the occurrence of $b$ for $m$ twice in one stanza auggesta phonetic momenta
aulamrda yavyudhah KS azlabrde (MS ${ }^{\square} m r d \bar{s}, \mathrm{KapS}$ ilamrdē) àyuryudhah (TS yavyudhah, MS vo yudhuh) VS TS MS The helongunge of the word in question are entirely obscure, Mahidhars on VS desperately, 'bringers of food' (bhtah')


## $m$ and bh

$\$ 242$ The equally small group of $m$ and $b h$ varianta is in general purely lexical
ırudra ukthebhir mardizithah (SS bhand ${ }^{\circ}$ ) SV SS Cf next, the roots are quas1-9ynonyms
divas (dwah) pri(ham (PB prithe) bhandaminah (PB mand ${ }^{\circ}$ ) sumanmabhih RV PB TA ApS Cf prec
tāsīm ìsāne bhagaurah (MS maghavin) VS TS MS KS Practacally bynonytue
sarcam tam (AV sarū̄n ni, MS lis TA sarvīns līn) masmasū (TS
 (AV -karam) AV VS TS MS IS SB TA The onomutopoetic word found in varinus forme in the others is inade into bhanmami, as if 'to dolles', in IS
sanatio bhrtmim (hS me $\dagger$ nanyaim) IS lis, von Schroeder pillends to bhrlyãm
 rijare sarmaviriih RV lis Corruption if not masprint
yuktä. tavo vimpah (unlihrjah) , and others, sep $\$ 57$

## CHAPTER VII JNTERCHANGES OF Y, $\mathbf{R}, \mathrm{L}, \mathrm{V}$, AND H

8245 Most of the sections included in this chapter are amall and of hitle plionetic importance That on $y$ and $u$, however, is extensive, and while largely dealing with matters of noun formation (auffixes) or with lexical interchanges, contanas also some curious and intereating phonetic shufts And the large group of variations between $r$ and $l$ is almost purely phonetic in character, ay is alyo the amaller group concerning $l$ and $d$ which we add at the end of the chapter

$$
y \text { and } r
$$

824 Under thas head occur chaefy variations betreen lemcally different words, more or less close in meaning, and as usual often under suspicion of corruption
duras laradhyā (ApS ${ }^{\circ} y a \imath$ ) phayā ra ìyase (SV ìrase) RV SV KS AB ApS dinsastad adhy arnaveneyaye AV Routair and $\mathfrak{i}$ (Intensive), hoth 'go'
súndikera (YG żaundikeya) ulükhalah PG HG sannikrathas saridikera ulūkhulah ApMB Fanciful names of demons
väyosäntra (MS väyusautthhyãm) āgomugbhyäın caruh (MS payah) TS MS KSA
sameatsariya paryäynīm (TB paryānıim) VS TB Fanciful epithete of doubtiful meaneng
$n y$ aı̀nná hrtsu kārıū (ApMB kāmūn) ayansala (AV araneata) RV AV ApMB nt-yam 'settle', and nt-ram 'rest'
prīnasya viduän samare na dhïrah TS MS yajnasya vuduīn samaye na dhirah AV Both samara and samaya mean something like 'juncture'
apo (RV AS āpoj adyäru acierıam RV VS MS KS SB AS LS MS ApMB MG apo anv ucārısam (JB †ucărsam) TS TB JB ApS apo duyã acāyıqam AV anu-car 'follow after' cáy 'fear, revere'
 bhrjãor, HG bhajā sn) jivan AV SMB ApMB HG Stonner on SMB understands ca ärye, 'O lady' Is HG Prakentic for ca āryn? (cf Pull ayyo) Onc ms of ApMB also cāyyo All very duubtíul
yasyedam à rajo yujah AV ArS yasyedam à rajah AA yasyedam oja
drujah SSS Obscure in all $8 S^{\prime}$ 's àrujah looks as if blended of a rajo and yujah, whereas AA seems to have lost (baplographically) two syllables, ara (ja-yu) jah Or 68 may be regarded as showing a sort of metatheas of $r$, ojah vaguely $=d(y)$ ujah guhya $\dagger$ иpagohyo marūko (PG mayühho) manohah PG SMB See $\begin{gathered}\text { g } \\ 1\end{gathered}$ sadē yūcann aham grrā (SV jyā) RV SV N See §134
rudra yat le krayi (krur, kravi, girr-) see 847

artah subhràvitā (SV kurndhyüvatī) pathä RV SV See $\oint 173$
 (Read vikyıpe in MS ) According to Knauer (note on MS ) thene words are vocatives of cow-names No ptymology for *vyjá or *vilid suggests itself which would yeem appropriate to a cow vanısthor hrdayäd (AV * udarūl) adth RV AV (both) ApMB
agor arır (SV näpa rayzr) à ciketn RV SV Wholly different words and constructions
yena bhüyn.s carãty, (MG caraty) ayam (AG ca rälryäm, PG bhūrç caria duram) AG PG ApMB MG bhūynê and bhürrs. ure dafferent suffixal formations from the eame root
suhram to (TA * viam) anyad ynjatam (TA * rajo) te (TA* väme) anyat RV SV 'TS MS KS AB KB TA (both) AS Svidh $N$ The Poona ${ }^{\text {rd }}$ of TA reads yajatum for raja, but with $\mathbf{v} 1 \mathrm{rnj}^{\circ}$, which the comm alsu reade, he has a labured and worthlese explanation

## $y$ and $l$

j245 Under thas head we find enly partly symanymues variauta roncerning the routs yup on the une hand, and lubh or lup on the uther The two instances of yup lubh have been guoted in $£ 113$, which see The other is
mrtyoh pudum (MG padänz) yopayanto (AV 'ta, MG lupayarte) yad (AV omets) eta (RV'aita, 'ГA anmi) RVAY TA MG

## $y$ And $v$

§246 Both $y$ and $v$ appear verv frequently in suffixal and infectional elempnta, amung these must be included cases in whach the $y$ and $v$ represent the vowels a and $u$ under conditions required by morpholuky There are. heardes these, not a few variants of the kind which we call purely lexical, that is conceraing radically different words Nut infrequently either the $y$ or $y$ furm of a given variunt is suffixal or iuflectional while the other is rudical Indeed the rather numerous
variatinns in this section are unusually hard to classify They present an aspect of great heterogenety, suggesting in the large that the phonetic relations between the sounds $y$ and $v$ must have played some part in the matter, even tho in individual instances the precise extent of that influence as extremely hard to deternine It was probably most marked in the cases where a suffix containing $y$, such as yin. exchanges with one in $v$, such as uin (see the next paragraph) In the aggregate, theas numerous variants form an irnportant bulwark for the theory of interchange between the two sounds in Sanskrit and Prakrit, as recognized by Wackernagel I $\$ 188 \mathrm{c}$, Pischel, Gram d Pht Sprachen $\$ 254$
$\$ 247$ We begin with cases which eecm must clearly to contain noun suffixes in buth $y$ and $v$ forms Proininent arwong them is a group of forms in auffixal yir and vir, found, as far as the variants are concerned, collectively only in YV texte, and that too so that the $\boldsymbol{p}$ forms occur only in Taitiriya texts, the $y$ forms in thoae of othar YV' schnols We must associate this fact first with an apparent tendency of Talt. texts to prefer $v$ in other alffixal forms ( $\$ 248$ ), and furtber with the preference of the eame schoul for the vowel $u$ in plare of 2 ( $\$ 622$ ) The relation betwen yin and min seens to be this The yen forms contan really suffixal in, added to stems in $\bar{a}$ (all the variants noted cuncern such stenis) The $y$ bridges cuphomically the gap between $\dot{a}$ and 1 (cf §§338f), precisely as eg in arist passived from ronts ending in ia (adhing ete) The min of T'ant texts is beat explanned as a hlend of mant or tun with this $2 n, \mathrm{ck}$ swathā-t'n, product of suadhä-mant (RV') and readhä-tan with suadhā-y-in It as therefore likely that these vin forms are secondary to those in yin See Whitney, Grammar $\$ \$ 258$, 1230e, Brugnaann, Zur Geschachte der huthashen Vohalverbindungen, BKSGW 65 (1913), part i, pp 211f, Warkernacel I \$188c (wherr, however, it is repregented that the $y$ and $v$ forms pxchange at random) Besides the forms onted in the following hast, note yizyn, sthaynn, ryabha-dhayzn, in addition to Whitney's list 81230 e
nama ssumulbhyo thanváybhyas: (TS izbhyas) rat mo namuk V'S TS MS KS
namah sthiayıbhyo (TS ovbhyo, MS styäyı') Jighisnandbhyah v's rS MS KS
navo rudrāyūtatāyıne (TS a viree) VS TS MS KS pilàmahethyyh svadhiyibhyah (TB ApS ${ }^{\circ} v i b h y a h$ ) svadhä mamah VS

KS SB TB ApS Also with putbhyah and praputamahebhyah ūrjarvatīh suadhàyinīh (TS ${ }^{\circ}$ vınīh) TS KS
§248 Beades these we find a considerable number of miscellaneous
cases in which $y$ and $v$ are in some senae suffixal, it a hard to clagsify thern more precizely, and the degrec of phonetse influence at work 1.5 likewise hard to deternune But it is to be noted that in not a few of them, also, Tait texts seeni to prefer the $v$ forms, althumanimes $u$ ? the contrary are not lacking
aramganuiyn jugmaye (TB ApS jagmave) RV SV TB Ap, Note atem jagmu, otherwitr unknown in That texte, for regular jagini duvaryave ('TA duvasede) tuà rítaya ruika MS TA Stems duvangu and duvasenat, but MS has v 1 durasente
 with ${ }^{\prime}$
 TB AŚ ApŚ athurea looky like 1 phonetic varunt, sugqeited by atharwar, for atharyn (ef IXV wthare, atharyu), epitliet of Fire Notern in That text= ( 10 be sure alomin AŚ ;
 and tapoli Ponated of TA tnpyatrus, v I tapulyat
 regular 2 -stem mirdi, whili kS abstutuea an nthermais unkunwn merdu

 Ap.MB



 AV elmmatere arare hieratie forma

 eirengith'


 hril and hriayn (hint ef suse ), or from hada (licith, "of the like') Stem hradatya quoted Pān 6183 Värlt 2, Pat

 manusyavat) und allupted by Whaney 'the AP'r comm lonks withe right direcion, it wa blend of manusuat and mannşua-
namah rilläyähanlyar (TS "hanlydya, MS KS ohantudya) VS TS MS
KS $a$-hanlz, 'not emiting' $a$-hantya $=a$-haniva 'not to be amitten' arāyo taomañ abhuduchumīyale T'B AS ApS arāvf yo no abhi duchurisyate RV TAA Vait MS The stem $a-r d y-a(r a i)$ is bahuvrihi, a-rā-van karmadhąraya Caland would read aravā yo 'sman un ApS, it seems indeed that the syllable yo ta inherited from the RV form of the paids
vasuranvo (MahānU ${ }^{\text {ºnyo }}$ ) tibhūr ast TA MahănU ranya is from root ran, as to ranua we must. remember the quasi-root ranv (see last vanant in \$225) Both comms have fatuous explanations, that on MahānU dividea vasur anyo ( $=$ stutyah')
etena tuam atra sirganuinn (MS tuam sirpanyīm, Conc, but Van Gelder'a ed, 612 , sirsany alone makes senue 'by this be thon headed' $=$ 'let this be thy head' The MS form, if Van Gelder is correct, can only be a phonctic variant for ${ }^{\circ} v a ̈ n$
unnetar un nom (read ro) nayonnetar vas,o abhy un mayà ruah AS unnetar vasiyo nu un mayabhi ( KS vasyo 'bhy un majā nah) MS lis Apsi The AS form may be felt af ace pl of Vasu ( n pr), but ts really only a phonetic varitat or cormption for vasyo (nastyo) 'lend us unto welfare'
\$249 In a little group of three cases, AV subetifites the more popular matiyah for marnah, of which the $v$ is certanaly connected with the $u$ of uru
asmabhyam indru narıveh (AV variyuh) sugam krdh: RV AV asmabhy!am maht vurivah sugam hah RV
sakhi sakhibhyo varwah (AV * viriyah) krootu RV AV (both) TS KS GB Here Ppp has varivah, une mo of GB variyah, which, it seemis, ought to be read in GB in accurd with AV, unless GB quoted frum Ppp
tyastic rwatra var wah (AV variyah) krnotu AV TS
§260. In another small group the $y$ is definitely part of a case-ending, while the " remaing suffixal or is a strmi final yäbher indro vìvrdhe viryñya (AV viryāuñ) RV AV N 'Increased unto herousm' 'increased, (sо ня to be) full of herotam'

SB AS SS Objective gen varyng with possessive adjective
 Lantum tanvinah TA MahānU But most mas of Mabend agree with TA, the ed follows one ms and the come
namah samgave (TS † samgãya) ca pasupalaye ca VS TS MS KS Wackernagel, II 1 p 315, plaubibly takes samgàya for samgayàya sa ghä (TB valyā, read sa ghā with Poona ed) no devah sauntā sahūvā (TB saunya) RV MS SB TB AS SS
§251 In alternating verbal endings the same change between $y$ and $v$ occurs repeatedly It is eapecially common in 3 d person indicativeumperative variations, вee VV I $\$ \$ 116,104$ We quote a single example here
pra stume yanty (SV yanty) agnaye RV SV
Annther atray variunt concerning verbal inflection has been noted brahmatud upūsyatat (Mahaind' asynatat) tapah TA Maband The rcading of TA 18 uncertann, see VV I pp 45. 125 [madhyr posanya (AG ${ }^{\circ}$ sиis) trmpatäm (MG puisatīm, AG tusthantim) AG ṠG MG Fur posasua read ${ }^{\circ} \mathrm{xy}$ a with Stenzler's 'I'ranslation]
And in different presenl stem-formations of verbs
manve (ArS manye) uim dymaprthen (ArS adds subhujasan) AV ArS Vat Ser IVIp 125
\$252 We now come to the mure strictly lexical variants, in wheh at least nne of the two sound $y$ and $v$ ts not on any sense auffixal or inflectonal (usually both are not) They are farly numerous. but an miscellaneous that it th hardly profitable to try to group most of them There are several interchages of the pronoun forms tyarn (tyat) and thians
tam utuam (SV tara tyan) mayayüradhih RV SV
tyam (KS tyam) hy agne agrinií RV TS MS KS AB KB JB SB As Şs liats
 bhyam) KV SV MS TA ApŚ MS
§263 Another little group enaserns real or epecinus derivatives of the ront ${ }^{\text {a }}$ 'go' in variation with al They tend to coufirm the use of at as a verb of motion, ace Neisser, ZWbrh il RV 123 ff
üpo ngre penam avan AV ípo ha yad brhatir (TS MS KS yan mahatir) ussum ( ГA garbham) ayan ILV VS VSK TS MS KS TA 'Went (rushed') int $n$ the all', AV' is of coursi oecondary but perhaps intends substantially the sume ds the rest, rather than the banal 'helped all'
at setum durāyam ( SV durayjam) RV SV The derivation of the KV form ts uncertann, see Oldenberg Noten nn $9 \$ 12$ The SV form, at leasi, ay clearly meant to be taken from rout : ('bard to cross')
ayebhyah (TB ave ${ }^{0}$ ) hitavam VS TB aya 'dice-throws' is of course anginal, note that at-occurg in a Tait text (see §247), is it a mere phonetic variant for ay-" (comm 'to helpers') Tho aya may not be denved fromi ront 2 , the variant helonges to this group
§254 Another group of caser wanited by the circumstance that difierencer of word division produce different words in one form of the variant In the instances first mentioned the $\mathrm{a}^{\text {(or, once, the } y \text { ) is }}$ suffixal, the other sound beloneing to 1 irparate word (particle or light monosyllahle)
 TB


swarraj (AV nvar yaj) jyotir abhayma sucth RV AV AB I'B
satyam (SV ApS su tham) ur,a" rised ast RV SV ApS The RY' original is less commonplace than the later subetitute, which opens rountless V'edic pāllas


 159. 16.5
yena bhūya, rarāty (. MG caraty) ayam (AG a rātryim. PG bhüル
 secondary
 WS Lis The passage $1=$ mystucal and obscure, tho the indubiual nords are stmple roough, IS ete: may have a leet fac
 § 835
praly
§255 The rest we shall not attenupt to clasify. note that an sonte: of them one or the other form stall comtuns suffixal $y$ or $v$ (tho nor both! ghrtam ghflayone (MS qhplomane) piba AV IS ISK TS MS KS
 hlend of the common eputhetsahyta-mant and uhta-yom (Enth ITV)

 MS omıt) rätrı, (VS MS KS i rātrim) juma VS TS MS liS Vatt (pratika in (iB) The two forme are quate uncertan and may be phonetic variants The lexicons take them as containing the
roote $v \bar{a}$ and $y \bar{a}$ But note that MS presuppogre a stem anuva, mith shoirt.a
trütäram indram uhpnor avadhyam (VSK ayuthjam) IS VSli IS MS KS SB Symonyma, note the $u$, preserving a trace of i,riginal $v$ Sometlimg like the reverge process in Pälı aimidha $=$ Skt ayudha
 $\bar{a}-y u \bar{j}$ Other interchanges of $v z$ y, in $\$ 905$
 Metathess of vowel :nd semi-vowel (il $\quad$ yu)
rayah synima rathyo tryanuatah (TB muasuatah) RV MS 「ГВ The. startlang charige in $7^{\circ} \mathrm{B}$ is probuhly suggested hy sur-ynmasya int the proe paida Vivasvant goces well with Yamal
 TB AS SS gaya 'chatters go 'cow'

 sürycha) mah RV Sl' I's kSA Sepil09



 rudrat yat th hroyi ! himi. hrave, gorr-) see $\$ 47$
 ugntye dhinh :maj (ISA ${ }^{3}$, if) TS lisA Wholly ohseare word.

 desper.itr p.i*afer, ser $\$ 47$




 (diurasyit)'


 revati ramadh:am (MS * Jir amedhyam) IS Ts MS (hoth) kis The variant of MS is rormipt, sef AJJ' 274113 But the realing of the ed is an cmiendalion, mis. ${ }^{\circ}$ rembindintm
ayultaso abrahmatā vidrasma (RV yad asan) RV VS ŜB it-dasäma, taken by Mahidbara as from $u z+$ das 'fall'

$$
y \text { and } h
$$

\$256 A very few cases of miscellaneous character, consiating of easy lexical subetitutions or corruptions Cf Weber, ISt 4224 dyutinno evijebhar yatah (SV hatah) RV SV sam sravaziu diso mahih (HG mayz) Ap.MB HG endram vaynutuà vahata PB vagnurendram hoagata TB Aps Note the metathesis of $h$ from the beginaing of the original heayata to the nuddle in wahata PB comm gloeges íhuayata yamīr yamasya brbhryäd (AV vzurhād) ajaimı RV AV See §222 tam aham punar adade KS PG imam tam punar adude 'yam (read 'hamn) HG (plainly corrupt)
henväno hetrbher yatah (SV hulah) RV SV
anusio mopatins (TB comm and Poona ed text ${ }^{\circ}$ hīh) suasuzo 'yam astı ( AS ham asmi) TB AS

$$
r \text { and } l
$$

§257 Nearly all the numprous vananta under this heading are purely phonetic, the eame word is spelled with $r$ or $l$ The number in which lexical or other real difference it even conceivable 18 quite negligible While the variante can hardly be said to establish any new pmociple, they furmish a large amount of new evidence for facts which have, on the whole, been farly well recognized
§258 There is a tendency towards $l$ noticeable in younger and less hieratic texte The RV, especially in its oldest stratum, has a narked fondness for $r$ In the RV itsplf are found doublets such as the ronts pru plu, mruc mluc, car cal, prus plus, the words puru pulu, aram alakam (despite Wust, in Ehrenabe W' Geiger 195ff, which does not convnce me-F $E$ ], sahamūrit sahamüla, and the intensive stema jargur jalgul Such instability continues after the Mantra period thru the history of the two sounds in Sanakrit and the medieval dialects, until in Mágadhi Prakrit, and sporadically elsewherc, $l$ stands for any and every $r$ The reverse $1 s$ also found, tho only aporadically in the Prakrit. dialects recorded Pischel $\$ 259$, and ef Wackernagel I p 215f, Edgerton, Studies un Honor of Hermana Collizz $30 f$ Thus confusion 13 reflected in the earhest language and thruout the Vedic penod, not only in the variations of parallel texts, but in the ms readings of ore and the sanie text

6269 The vamants cunfirm and extend by further examples the acope of these known facts A few other atray instances which have come to our notice and are not included in Wackernagel MS 379 bas astanara and nfuavára agamet asyavale and $\tilde{a}^{\circ}$ in the corresponding passages of KS 248 and KapS 381 (see Von Schroeder, MS, p xv) PG 1154 has grapsa 'tuft of grass' for AG 1144 glapsu (GG 274 grathna) The vanant plengha for preñkhn 'awnog' occurs in ApDh $1 \begin{array}{llll}11 & 31 & 16\end{array}$ Later on, ammiarly, derivatives of the roots juar and junl figure on the same page of the Kathāsaritasignra ( 5 118, 122) In Aufrecht's edition of AB . p 428, it has been pointed out that this text has a number of cases of $r$ for more usual $l$ (urüha, bahura, ete) Such a thing is not surprising in a Rigvedic Brähmana, and certarnly AB'a bahuru goes RV' une better, for that form 18 unknown in RV, where bahula is common In fact, the $A B$ passuge in question: 22014 (alsoin $A S 5115$ ), contaming bahuramathyam, imitates RV 10428 , which containg bahuhintisa (h) - The statement was made by Von Schroeder, ZDMG 33 196, that MS has a general prefereace for $l$ over $r$ But thas is not repeated, so far as we cuan see, in the edition of the text, we gather that it was tecitly withdrawn In fact, the variante do not show any guch preference for $l$ in MS While Maitr texte sometumes shuw $l$ for $r$ of other texts, une of thuse casee is a lexical variant ( $\mathbf{6 2 6 0}$ ), and in most of the others the $l$ form is more usuad thruout the language generilly Per contra, note MS a Mauërn above in this spection, and kharuēs (to be sure with $v 1$ ktal $0^{\circ}$ ), the only recorded occurrence of this word with $r$ ( ${ }^{2} 265$ )
§260 The very amall group of Jexical variants is now given firat, one of them, even (the last), nay possithy be purely phonetic- If not that, it in certuinly corrupt
te no 'נnayah paprayah pïrayantu (MS MG pila ${ }^{\circ}$ ) TS TR PB ApMB MS PG MG The two wordy are practucally synonyme, thu unrelated, both mean in effect 'preserve' Nute the adjacent paprayah, related to pirayant',
adhz skanda (Ppp kranda) vïrayarta AV abhe kranda vïlayasva SG 'Tlay the hern' 'he strong' (vil for vid ${ }^{\circ}$ ) See $\xi^{2} 272$
 LS The words are quite different in meaning and construction mā rudrıydsı ahhz gur ridhänah (MS abhi gulbadhdnah) MS TA mil no rudriaso athegur vudhe nu (mss nuh) MS See $\{200$ gulbadhárah is not divided in $\mathrm{p} p$, it can only be a corruption (or phonetic variantl for gur (ete ) = guh, 3 pl aurist

8261 The rest are all purely phonetic in character We begin with a group in which $r$ is regular in RV , but $l$ is regular in later or leas hieratic texts The $r$ formis are either Rigvedic, and in later texta copied from RV, or conseious archaisms imitating Rigvedic diction, like bahura 10 AB (§259)
aderirad (AV ApMB astilīi) tarī̀r bhavatz RV AV ApMB The $r$ form is not recoriled outside of RV, which is the inore remarkable becauae of its obvious connexion with the common word sri For this the suffix ra is responsible, first by dissumatation of one of the lipuids, then by reassumation of the remaining $r$ to $l$
ayriram (TB $\dagger$ astīlam, both edd) rit krnuthā (TB $\dagger^{\circ}$ thāl, comin and Poong ed text ${ }^{\circ}$ thie) supratikam RV AV T'B samühhan (V'SK samuüham) asya pitisure iSV ${ }^{\circ} / t$ ) RV AV SV VS VSK TS MS KS SB N The 1 form is regular after RV, the $r$ formin RV only in this passage, directly repcatedin all later texts


 ${ }^{\text {c }} \mathrm{g} u \mathrm{~d} d$, VS sthülugudayä, and so MS $\mathrm{p} p$ ) IS TS MS KSA The RV knows only sthüra, but sthüla is reqular later (cf however sthaura)
anu no märstu (YS TS SB TA anu marsitu) tanuo yad virısfan (VS
 rij le Riguedie, rare later
capyam (TB Poona ed cappam) nu pity'u lhosag asya milah (hs "ärah, TB bälah, Poona ed mälah) IS JS lis 'l'll The $r$ fortı is almost limited to RV, of however astateira in MS.
 (ApS bhangeyena) VS SIS ApS The root is conmouly friu in RV, only very rarely to later
aklonai' (comm asroncí) anigaır ahrutah starge Al avlonängaur ahrtā (read ahrutah or ${ }^{\circ} t i=$ with Poona ed) sıarge T'A srona chiefly RV
§262 Next, a group ronecrning words in which both $r$ and $l$ are common in most penods of the language, hut RV' as a rule has $r$ alinost or quite exclusively Hare are included two variants in which $A V^{\prime}$ goes RV one better in its heratic $r$, but both RV piasideses are from the largely popular Book 10 Both eases, adjacent to rach other, concern the root rabh labh, which in RV' always hay $r$ except in a few passagiey of the tenth book, of which these are two Hoth forms are common later
utälabdham (AV utärabrihin, Ppp utāl ${ }^{\circ}$ ) sprnuhi jãtavedah, followed by
 The AV is aecondary and corrupt in ite construction, sce Whitncy's note
The other variants in this section do not involve RV Two concern sukh and suhra, boih farly conimnon later, but the former not in RV Another concerns rohtur loheta, of which again RV has only the $r$ form The case of kiudru ksulla, where the $l$ form as clearly Prakritic (with assimulated consonant group), also concerne words both of which are well known in the langunge na a whole
Eukràya suāhá VS MS SB suhlàya szühà VS MS
peson na sukram (KS TB suklam:) astiam (MS sumh mes as ${ }^{\circ}$ ) ensäte IS MS lis TB
 lwhta ${ }^{\circ}$ T'S KSA
athu ye kéullahà ava AV hutah hriminäm hsudrukah SMB atho athürā atho hrudräh TA (perhap: consciously hipratic as regards both adjectives)
\$263 Next, words in which $r$ forms (all prehisturic) arc more cominon in all perinds, the lforins being largely probleinatic or textually uncertan (Wackernagel I §192b) In the group nught perhaps have been placed gulbadhünah of MS , sre $\$ 260$
asya hurmo (KVKh hulmo, A\PPp me kinwa) harivo medinam tua RVKh TS TB AVPpp (Harrit, J.AOS 37 263f) asmankam abhìr haryasion medí AV tha hrumu hatuv medenam tuā KS Scheftelowita p 112 reads for Rlih tha hurmo hả vedinum tuà But his hurmo is no einendition of $a$ nis reading kutso, which is probally a graphic corruption for heideo
 telowitz reads upapra in Rlikh, this time with his mis The form intended is upa-pra-vada, of a-lada in next pāda The reading with phe if it is anything more than a mo corruption, is miechanicelly assimilated to plerasua in the second hulf stanza
antariksam puritatä (TS puric, MS pulī, kSA pulio) VS VSk TS MS KSA The $r$ formis are commoner
satatam ta kräbhes tı MahānU santutam ftribhts (Ponna ed sitl', hut. y 1 and comm $f_{2 r} r^{3}$, glose nadīh $h, h$ ) $\ell_{1}$ TA Nolforin of this word is otherwise recorded
§264 Words in which lis regular, r rare Here, first, cyht passages contanning sarira or salila 'ncean' 'That MS invariably has salile
cannot be considered ulgnificant (cf 8259, end), ance this is the regular form in all penods, even RV, nether RV nor AV knows sartra, which is practically reatncted to YV texts and, along with many other $r$ forms, may be regarded as a conscious heraticiam afvam jajnanam saritasya (MS sallasya) madhye VS TS MS KS SB prapinam (MS v 1 'larn) agne sarorasga (MS salilasya) madhye VS Ks Ms prapyãam etc TS ApS
abhrajamūrah anturusya (MS salılasya) madhye (TA ${ }^{\circ} y d i$ ) VS TS MS KS SB TA
nyacyamanain sultusya (VS KS SB sararasya, TS TA bhuvanasya) madhye AV VS TS MS KS SB TA
sariram chandah VS KS SB salilam ch ${ }^{\circ}$ TS MS
 SB
árıràyn (MS TA nullkàya) tuà vâtàya suãhì VS MS SB TA
sarire tud sudane sidayämi VS KS SB salık etc MS sahle adane ridn TA
§265 The reat arc miscellaneous
kypnagriva ngneyo rarafe (MS Lahite) purastit VS MS The $l$ form 19 commituner
a.Slesā (TS àsreyñ) naksatram TS MS KS In MS ppaklo KS may intend pather $a$ - or $\bar{a}$ - The word regularly has $l$ Cf $m i n$ tad bhümyām etc. §261
aılhırāma (HG text atho ${ }^{\circ}$ ) ulumbalah (HG †ulımbarah) ApMB HG The word (usually udum ${ }^{\circ}$, probubly related to udumbara, ud ${ }^{\circ}$ 'fig-tree') appeare in RV AV elc, always with $l$ in the last syllable, except here in HG, which may show disimilation to preceding $l$ Cf §273
mudgäs ca me khaluas (MS kharias, v l khal ${ }^{\circ}$ ) ca me TS MS KS A kind of grann, the $r$ form not found elsewhere Nute that it occurs in MS (cf ${ }^{2} 259$ )
arhalahhıh (KSA ${ }^{\circ}$ räbhıh, MS [m|atsaräbhih, VS rķ̣alälihıh) kupıñjulēn VS TS MS KSA See 184

$$
r \text { and } v
$$

$\$ 266$ These interchanges, with the yet more scanty groups concerming $r$ and $v$ and $h$, are sporadic and of shaght phonetic importance We record them on the chance that there may be a quasi-phonetic ghde from one to the other in words that are lexically simular, which are regularly involved In fact, so far has they do not concern corruptiona
(as is often the case), they mean substitution of one word for another eimular in suand Thus the very heratuc word jira-danin 18 twnce replaced by jù $a$-diric at a time wheu the former te no longer underatood
 VS TS MS KS SB TB ApS
 AS SS
§267 The rest are individual cases of more or less close eynonymy, tapering off into doubtful or corrupt readinge
alakraksinam urgabham yathijuram 'Sl' yuthi jumam) RV' AV SV 'Ageleas' 'swift'
ürjastulit nyodhir io rikandion (KSA ukio) RV TS KSA $\dagger$ 'Graze on' 'enter', the latter an evident lect fac
purū reto darthre sūryasitah (AV ${ }^{\circ} \dot{\text { sintah }}$ ) HV AV KS The AV 18 gecondary and not viry intelligent., 'sun-yhiming' aud not 'sunrearting' in nriginal let Kups (see uote on lis) has 'gitah, cuidently intending "iritah
rudra yot te hragi (krmi, hrati, giri-) set $\$ 47$
patz priyain rıpи (and riqui) uyram patam veh $\mathrm{MV}^{\prime}$ (bls) päty agnar vipo ugram padant teh ArS
düredrsam grhapatım athuryum (SV uthavyım! RV SV his ApS MS N The SV form is desperate Benfey auggeste atharv-yumb with amplification of the group of three consonants (ef sis419ff) In some way the $n$ of atharbun seems to he coneerned
astranä gharmam pàtam härdraintem (TA härdduinam, read härdi with Poona ed, LÉ pilum aharmanam, MS phbutam härdränum) VS MS SB T'A SS Lis The MS corruplly mouths over an obscure forin Nute that the " of the nriginal, by a kind of inetathesis, reappeare us the vowel $u$
hetuī (SV hetvä) stro jehragíi nìvadac (SV rimapac) rarat RV SV tutra rayıham anu samitharalim (MS ${ }^{\circ}$ rethm, AS corruptly ${ }^{\circ}$ bhavatum) TB AS Ap. MS



 $\$ 854$

 carunagu rusüdase (KSA medase) TS liSA So the ms of KSA but run Schroeder imende to risidase

8268 In several cases assimulation or diseumiation is concerned ugram ongtham tavasam (SV tarasam) taranvinam RV AV SV Assimdation to tarasvinam in SV
vätajamır (HG mätöjıruir) balevadbhur manujaraıh MS HG Either assumilation in MS, or avoidance by diesmulation in HG of the banal sequence milajamair manojavaih Since the latter process seenis alniost ton clever for asūtra text, probably MS is secondary dhanamjayam dharupam dharayesnu RVKh bhūmadruhame aryulam
 unquestionably secondary, changes to cyili after acyutah, 'unshaken (but) shaking (others)', an enticing mode of expression in the Veda (rg ajuryan jarayantam, RV'2 lif l)

## rormand $h$

6269 These cases are $y$ et fewer and slighter in phonetie significance, cf $\$ 266$
aredutai (IiS* ahert ${ }^{\circ}$. so rd . hint ins indatia read probulily ared ${ }^{\circ}$ with v Schr on liS . 22 3. in 3) manasì dervan gacha (Ap太́ gamyūt, TS menusā tar chahevam) TS MS KS ApS ahedatio ( $\mathrm{B} \mathrm{S}_{\mathrm{S}}$ ahel ${ }^{0}$ )
 unmedhately hy hed in a hist of ten words for 'be angry'
sahamàm sahasvotī ( PG sarasuati) PG ApMIH HG sarantatī is a blunder
 AV ApMB HG See $\$ 109$

 rV NS SB T'R AŚs $\operatorname{sis}$

## $l$ and $d$

§270 It 18 a famila: fact (Wackernagel I \$222) that every dand dh between vowels 1 s changed in the Säkula and Bū-kula recensions of the RV toland ${ }^{\prime}$ h 'Thes variation is ignored in the Cone, betause at $1-$ carried out with mechanical completeness (learly related to it in the change between vowrlt of the same sounds to dental $l$ and $t h$ in later Vedic texts, Warkernagel I \$194 This alteration is carried tbru, with as absolute complet nese as in RV, in two texts, VSK and SS, and also in the twentieth book of Al These cases are recorded in the Cone, hut we derin it a waste of spare to list here the variants which concern V'Sk and SS alone I:lsewhere the same change occurs sporadically

It 18 clear that ma tradition in this regard is untrustuorthy, and that editore lave exercized therir discretuon to some extent Thus $N$ seems to intend to write $/$ thruont in the following hat all the varianis with $l$ in AV' occur in Bnok 20, and maminly in thnse parta of it which are cremed fromi R' Sn far as we have ohserved, these are the only variations from the text of RV' in thnee parte of Al 20
$\$ 271$ The lisa fullows
 vīm) arnc rastīm "ratena RlKh AV Valt But Scheftelowit. reads whe"u ghiftive for R OKh


 with all mes) AV \& A Cib JB SB

und deni deruthederiam ! Wiki $1 A *$ or chanam, but TA loonal ed both
 (ha.) Valt Apś MS̄ kians BDh (iloh
 bulia (as Is read in IRT:


 MS V'HDH








$$
\text { d.and } r
$$

§272 The s.tme change nccurs spuraducally alen betwien dand $r$

 "hat) rahad (ef next is), hut one we "ahad and fop what
 AŚ Aṕsín


dronhasua vidayanva (MS vir) аи TS MS adhusanda virayasva AV, abhi kranda uilnyasva SG Sce §260
viruc chapathayopani AV vidu chapalhajambhanih ApS The latter 18 a clear corruption of the AV reading, which Caland adopta varenyakratur (AV '€ur, Aps idenyus) aham RVKh AV ApS virenyah kratur indrah susasth RV See §§383, 554

## d and r

§272a On thas eubject see Hanns Oertel's helpful review of VV I, in GGA 1931 2:36f, eapecially 239f, and his article in Ehrengabe fur Withelm Gezger $136 f$ He refers to Patafijalı (Introd to Mahabliagya, on Vartit 9, p 11, 11, Kiflhora), who mentione the mispronunciations yarvénas, tariñas, for yadvanaa, tadmanas, and to Wackernagel I p 212 Oertel would sec in such variatione as nätärid ('I'B ${ }^{\circ}$ rir) asya samplım undhinam (TB bua) RV TB, where a liffieult 2d person sung la substituted for a 3d person (ef VVI p 237). traces of this phonetic tendency (Cf ChU 412 pradhaiksir for ©sid, Oertel, ll cc) It seems indeed posaible that the has something to do with such vanalione, altho it should be rememhored that there are many other equally curious variations in person of verbs which cannot be thus explained (VV I passim, especially p 195f) Other cases mentioned by Oertel (see also has note in $Z I I 8$ 289f) are
mayz riyo mayz rah sah MS 4913134 5, for which the Conc suggests dukynh for ruksah mayı daksuh ratū TE †2 52 4, Aps AG HG mayz dakso mayz kratuh VS MS SB TB TA SS
na me led upudambhişar dhrsir brahmaì yad dadaul MS (originally
 dambhisag (once erroneously udambhisag) fiar brahmis yad dade Aps (bis) Here the ApS form seems to stand for upadambhisad, with final $g$ for $d(=k$ for $t$ ), sep our $\S 142$
 dhyain vadartah MS See $\$ 70$
To there materials collected by Oertel may be added the folluwing ahar (MS vahad) duäbher (MS divyäbher) ütıbheh VS MS SB TA SS LS One nis and ppof MS vahad (vahaf), see 反.3ifo, and the preceding $\$ 272$ The MS 18 secondary, and may be conaldered hyper-Sanakritic
dadher (SV dadharl) yo dhäyz sa te (SV sute) vayãniz RV SV balum achanto vitudarya (AG un tu taxya, v l ndurasya) prespāh (MahūnU AG preythah) TAA MahānU AG Sce §̧65
derfas taradhyā (ApS ©yaz) mayd na iyase (SV irane) RV SV KS
AB ApS dinpas tad adhy arnaveneyase AV
$l$ and $d$ and $n$
$\$ 273$ By way of appendix nuay be mentioned a few stray cases un which $l$ varnes with lingual $n$ and with dental $d$, these evidently show tendencies related in the preceding ( $A$ couple of variationa between $l$ and dental $x$ nught perhaps also be reconded here, liut because of the ease of graphic confusion between theae letters we have quoter thern in §878, ч v) In two cuniguous passages hariknikū, fern of the coloradjective harta, is changed in SS to harikithe, perhaps by partial assimilation to the preceding $r$, but the characters are graphically much allec

## 

hariknike (SS \% hikt) kim whasi AV SS
There remain a conple of partly phonptio varianta between $d$ and $l$
 RV AV TA AŚ See Lanman qpud Whaney AV The TA conim, fatuously. prabhistabalayshtau (as if urk-bala') See adhorama cte, §265
nz muartatu turtayendra nurdabudn (KS nardabala) TS KS ApMB Both is $\mathrm{\lambda eq}$, obscure eputhets of Indra KS lonks suspriously like a case of popular etymolngy (as if 'rejoinna strength'), and as therefore probably secundary

## CHAPTER VIII THE SIBILANTS

§274. The general confusion of the stbilants, douhtless due to popular quasi-Prakntic influences (since they all become fused in the Praknt dialects), gues back to a very farly date From the Veda down to modern times instalility in this regard is habitual rather than exceptional in certain roots and words The sibilants of such words as kosa knta (ci $\$ 289$, end), srambh srambh, are really never determined, and even so clear a root as srit 'flow' threatene surprisingly to becoine 8ru, as we shall see ( $\$ 275$ ) See Bloomfield and Spieker, JAOS 13 cxvi ff , Bloomfield, Kuluiticu Sütra, p lx, Winternitz. Introduction to ApMB, xv. and Wackernagel I §197e The following variants are in large measure purely phonetic, due to this traditional instability But real lexical changes also occur often Our treatment tries to consider both elements

## $\leqslant$ and 3

§276 We begin with purely phonetac interchanges, and first those in which $s$ takes the place of regular or etymolugical $s$ In a number of cases the root sru, 'flow', of known etyinology, rppears as sru, the Pet Lev poes so far ae to postulate a collateral root eru in that. sense fam yor abh sravarilu (MS sra) rah RV AV SV VS KS TB TA ApS MS HG Sil Conc from Knaucr's report of mss, hut Van Gelder's ed reads sru ${ }^{\circ}$ for MS without y 1
ez srutayo (AS mesri* ${ }^{\circ}$, Sis eisru ${ }^{\circ}$ ) yathi puthah SV AS sis One ms of SS restu ${ }^{\circ}$
dadhi mantham parisridam ( $\$ \mathbb{S}$ manthìm paristutam, one ma ${ }^{\circ}$ irutam) AV SS
 ${ }^{\circ} \mathrm{a} h$ ) AG PG ApMB MG emam (SG erutm) parismitah humbhah (SG kumbhyã) AV SG-AVPpp is tuà paribplah, for which Barret JAOS : $32366^{3}$ sritah The readinge of AG MG, tho certanaly secondary, makc sense
 atzdrulah (AV text ati hralah, VS †* MS athsrutah, KS v 1 ${ }^{\circ}$ 'irutah) AV VS (bis) VSK TS MS KS SB (bis) TB Apś The true reading of AV $13^{\circ} \mathrm{drutah}$, see Whatary's note

8276 The amall words siam 'real', and sum 'together', unterchange reciprocally, see $\$ \$ 278$ and 280 for cases in which sam is orignal or both are justified
sam üdho romakum hathah ApMB sam üdho romasam hatah RV Comm on ApMB takes śam as 'Veduc' for sam, see Winternitz, p xx
$\$ 277$ The rest are sporadic
undrāya tmí srmu 'dadat (ŚG sramo ladat) MS ŃG MÉ SMB Srma is a name of an Asura, in the adjoming Brähmaia of MS it is explaned by a miyth which says that the carth, full of cattle, belonged to Srma, and that Indra got the catile from hum There ta no reason to question this myth, cf Srpa, Snnara, and Spmisla, names of Asuras (Hampanta, Ere Pet Lev) SG has a secondary or corrupt readiag ('dem Indra gehe dich die Firmudung', Oldenherg) The theme of the passage in branduge eattle
 Both rdd of Al: read thins, some mes trans and sume srant, none the 'enrrect' srans ${ }^{\text {e }}$
sam te hertnyam tam "t vate' (ApMB sam u iantr) ipah AV Kaus ApMB Metathest of and an ApMB, sep Winternitz, p yv sumas caturahsarasyäsrinir (MS ${ }^{\circ}$.ririr) nahivaträn: MS IS A rare word, which however seems always to be written assiui except here in MS
peiso na suitram (KS TB suhlam) aisfam (IIS all samhità mes asitam, pd fin astam with p p) maxite VS MS lis 'ГB
ásirsinah samopyuif $A V$, comm and $P_{p} p$ sumnpyif, which is probably nuht and is assumed ty Whuney ('f however Bloomfield, SBE 4225.5 (hesam opyait')
swant fat HG Kirsip suggests st-cityt, the context piver no help in interpretation
 on AV 9114
s278 In the folloring a tahes the place of regular or etymologiCHI:
 Ap.1B Sec $\$ 277$, and for other sam sam, §§276, 280
[agnem ra vesvasambhuvam RV $\dagger$ AV $\dagger$ KS TB $\dagger$ ApS $\dagger$ No vanant, correct Conc $\mid$
Sımāh (V'S simäh) kniwntu (V'S * samyantu) ırmynatah (VS samyuntīh) VS TS KSA $\dagger$ The word can only be a form from sim = $\{a m$,
occurnag in the same pada, is the a VS due to disgumalation? Mahidhara $=$ simah. glossed rekhdh or maryadah
parnabudo (SS ©ado) jariah (AV Vait ©dah. om jari) AV AS SS Vait Onganal certamly dad-, 'the fall of a leaf' SS posably understands 'setthidg dowd of a lesf' (root and)
víve devã nätıvidhyantı sarve (KS süräh, ApS sūrā̆h) AV KS ApS The latter can only intend fürah Other cases of these two words, capable of lexical explanation, $\$ 284$
yam eva iudych surtm (VaDh sucim) apramattam ViDh VaDh $N$ sukesu me (AV sukeyu te) harimsnam RV AV TB ApS 3 of SPP's mss, comm, and Ppp (Barret, JAOS 26 228) read sukesu
mrgasya urtam (HG śrlam) aksrayñ ApMB HG (vv Il srutam and Srutam in ApMB) Kirate eays 'probably artam' More hkely britam it intended in both texts It is a question of ill-omened sounds (dakunai ruditurn ca yat is the preceding pada of HG) 'Whatever (cry) of an animal is heard (that is) amiss' For sru $8 \tau u$ cf $\S \delta 275,283$
pred $u$ hartuak krutasya (SV sutasya) RV SV TS The word refers to Indra, SV is perhapa thinking of Soma Benfey abandons it and translates the RV
namah saspiñjaraya (TS sasp ${ }^{\text {c }}$ ) tersimale VS TS MS †KS See next ye vaneyu saspiñjaräh KS ye urkвeyu suspinjaräh (TS saxpó) VS TS MS MG See prec Except in TS the word is always written sasp $p^{\circ}$, and it is doubtless connected with siospa (with hisplology, Wackernagel I p 279) Perhapa TS getsits sbr confusion with sasya 'rrain'. which is itself sometimes written sasya, of Wackernagel! c, Keth on TS
 Ap.MB HG Comm on Ap.MB, sakürusyu sakürah, ef Winternitz $p \times n$
 VSK ApS Name or epithet of one of the Maruts Doubtless 'mighty'. rnot bak, so Mahidhara, and säki seems incapable of other intepretation
 MS KSA
na jyotingı cakṻratı Suparn Jyotısam nu prakāsate RVKh tryfam pisztam asyate AV 519 5b Whitney accepta Rımmer's emendstivn usyate
yad asravan pasaza ulyamānam AV 7 60 1 Read or underatand usrainn with SPP, comin, and Whitney
sarau phrram ruäladhat AV 5251 Read or understand sarau with Whitney
$\$ 279$ In a couple of phonetic vanants the words are an obscure that it is impossible to say which is onginal
 pp of MS reads susiliketi susi-lihin, suggeating that VS has the true reading But susulükd occurs once in RV Both meaning and original form are obscure, folk-etymoloky may have been at work, SĒyana thinks of sieu and uluha, in RV it is associnted with ulūka
grümyamañhirıdāsahan ApŚ qrımyam mangīrıdāsakıu MS vyüghram mangiralluxd gaith \ail Otscure proper dames, see $\$ 49$
§280 In some of the preceding there are perhapa poseshinties of lexacal variation tho they semem to us ton faint to be iniportant While the line te not hard and fast between the two groups it aecmis to us that the following carfs mre levically defensible in hoth forms Thus the words sam and iam emeh, makr senze in thrse pustares, of \$§276, 278 sam ahdhyah TS MS ApS MS sam adhhyah (supplying sundhasva froin the preceding) Ks
mandukyä su sam †gamah (7 A gamayu) RV' 'ГА mandūky apsu kam. bhuvah AV The latter reconstructs the pasoige becondarily

'That whall he all right fur ther' 'that wheh was torn shall be (put) together for thee'
§281 When other thange, aceorep iny the alteration of the stbilant, the lexical elenient beconies clearer Thus in threc cascs of the roote sam-2as and san: in, whel ure praptically syonomems we are evidently dealing with u primanly levical subsintution, affected by phonetic inoments
tesu aham sumanah sam moumi (AS thoste for ${ }^{\circ} n 2$, MG nasama) AS ApS HG ApMR MG Ser hinaupre nute on 11G

 mahitua AV tuyor devis adhisamitasantah ApS yasyam (v 1 asyām) deléd abhu sameminarital. MS
§282 The root is 'sit' varice thrice with augniputed forme of as 'attain', they are practically synonymis in these pasagaes The is forms all occur in RV , the af forms in SV , whach is contaminated from such expressinne 'a barhor ainte RV 831 6and $1 \quad 1446$ sahasrasthūna ā̀s̃te (SV a $S^{\circ}$ ) RV S
samicīūisa ārate (SV àsata) RV SV
yatrāmt tēsa āsate (SV à́sata) RV SV
§283 The particle su varies with the reduplicating syllable $8 n$, in the first vanant alao the roots aru and sru, of $\$ \$ 275,278$
nrcaksäh somu uta suł.frug (comm and Poonn ed text. ánúrug) astu TB
sucah siih soma ula sasurud astu MŚ See $\$ 145$ sastud is an em for mss anstad, saruif, suibid, Conc suggests zusrud, but susrut occura in RV, and 'flowing' fits Soma as well as 'hcaring' Pprhaps sudrut should be read in MS
drye ces (MS dirsà ca, RV abhzhhyã) bhüsā brhatō susuhuanıh (RV sus ${ }^{\circ}$, liS sa; atvabhzh, MS sushmanā) RV VS TS MS hS SB Ser $\$ 240$
§884 The words sūra and sūra iniprchange twice, of visive devū etc, §278
 their chanots in buttle 'like a warrior' or 'as the sun (yokes his chariot)'
līh süra (TB süra) purodēnam (AV' olasam) RV AV liS TB N The ongunal is addressed to Indra, the 'hero', TB trausfers it to an addrese to the aun
§285 The word sarta vances a number of times whth various nords in a, some of them rathipr reniote in form
 MahānU sarví sarvehhyah) MS TA Mahān(' Sc mamah 'homage to every Siarva', or 'homage, 0 Sarva (or, (1) All [comm on MahānU arviemakaj), to ull (the Hudras)' Mis has 1 sarmatah for arimitah Interesting for the thoro-going ronfusion of the two wounds, despite Iexical pozabilities, the casp is fundanentally phonetis
saruăn ugrīnr (AV suā̃ agnīn) apugato huve vah (MS huve, AV huramahe) AV TS MS AB
Lalpuntion te (TA *me) disiah sariāh (TA *agmāh) VS SB TA ;both) thsue dieln naturdhyzatl sarve (Ǩs süräh, ApS sürah) AV KS ApS Ser $\$ 278$
§286 The ront side varies with sudh and subh, cf § 174 , and note AV raduntam suddham uddharet AV 201.3616 d , where siuldham 19 based on mss readings sindum and vanam (Index Verborim) aoüsudanta (MS KS ás\&sabhanta) yajülyà rtena TS MS liS TB äpo demiin (MS ma) matarah sundhuyants (TS ApS sundhunlu. AV MS ISS sīdayau(u) RV AV VS TS MS KS SB AS ApS
§287. The regt are sporadic, and rather remoter in the formal resernblance between the words in question
yera strıyam (PG srıyam) akimutam (PG ²tām, Ŝš střȳ̄̀ akurutam) SS SMB PG GG strī is certainly original
fumbhanara (KS stami) tanvam (TA tannmam. SV ftanvīm) swhm HY SV MS ISS 'JR
 KS TB 'Enlwencd' 'rutered into'


 'Mas he obtain that' 'that (is) in this (offering. se hatritydm)', or, 'that here in thas (offering) shatl prosper' (the following word; are tad rdhyüt) liarlore in the same section neceurs asyam fulhed dhotriyänt
sahma yut te goh lis MS sapme fe goh VS SB Kis vamput te goh T'S See S47


 biDh
 NrpU Gopiald Vısull SkandaU
 Poona rd tral and (wmm $\alpha$ yam for TB, ser VVIp 86
 Sec Oldenherty, I'roleg 72


 $\$ 35 \%$

$$
\therefore \text { and }
$$

§288 Here the tot. 1 numbier of variants is inuch smaller Moreover many involve levicul changis, while mant of the rest concern fare and doubtful words, the trie original form of which w uncertan 'The genume phonctac varants are few, and mone ton ecrtan in some instances In the following - afems to replace proper s phonetimally naınad devā äpnuvan pirram arsat (VS arsat) \'S VSK láà The word clearly mean: 'gman' (rnot ri), 's's comm risa gatau Cf however araarsariltım (alarsırülı"') $\$ 292$

 probably only a textual error)
§289 We find for proper f, aside fromi a few corruptions, only in the name of an Avura, Sunda or Sainda The weight of evidence seems to favor the apelling with 8
sandèja (VSK sa ${ }^{\circ}$ ) tuĭ VS VSK TS MS SB ApS
nerastah fandah (VSK MS + * 463 s $a^{\circ}$ ) VS VSK MS (bıs) SB TB KS Aps MS
apanuttau (KS ${ }^{3}$ eiu) sandāmarhau (MS * sa ${ }^{0}$ ) TS MS (bis) KS TB ApS MS See von Schroeder's note on MS $463 \mathrm{~g} 2 \mathrm{l6}$, which indicates that he then believed MS to intend sanda thruout But need it bave been consistent? The mes are unamimous for in in some places, nearly unammous fors in others Those of MS vary

## Corruptions

 งuram PG
 TB AS SS LS The LS has probably a mere misprint
 MS KS TB Read 'hnsa' in all There would be no variant but. for the enn in MS, which is unfuatitied, altho the word meant 18 that more conimonly written kosa
§290 The following varianta sepro alen to be purely phonetic, in so far as not mere corruptions, the obacurity of the words makes it imposaible to decide which is original
ırudränyar kīrsō (KSA ${ }^{\circ} \mathrm{sa}$ ) TS KSA
rkso jatūh suşlizkā (MS subulükī) VS MS See §279
 küsmāñ chakabhıh TS KSA
$k u \bar{s} m u ̈ ̄ n d a ̈ h, k u^{\circ}$, and $k \bar{u} f^{\circ}, k u s^{\circ}$, hlso ${ }^{2}$ mändyah and ${ }^{\circ}$ mändänı, varıous Dharma texta, see Conc Names of certanu explatory verses, akaráye karsyo yathä ApS gith kuthoryaur yada girah Vatt madhe aty äkarsait kusarr yathē KS The meaning of the whole passage is obscure
$\$ 291$ Coming to lexical variations, we find three rases of visucu varying with unsu (visvak), the meanings are fairly close
vistam zatyom krmite vesfurn astis RV ezsuak satyam drnuhe coturm esātn AY Ser Bloomfield, The Atharvaveda 50, Whatney on AV 314 , Oldenberg, Noten on 3 3n 6 [But no emendation of AV

1a necessary Render 'Make accomplished on all sides the purpose of these (our party)' Ppp (Harret, JAOS' $\mathbf{d 2}$ 351f) bas unsuam unsfam kriuhi satyam eqam, cloger to RV Same general sense in all F E]
 asta) RV AV ArS MS TB (Add to VV $1 \$ 229$ fgr the verby) purudasmo vısurūpa (KS adamavad vน์narūpam, TS ApS urudrupso unsvaripa) induh VS TS KS SB ApS
§292. The reat are ssolated and unclasaliable
ararsuratem (SV alarviratim) unsulam upa stuht RV AV SV N The RV forni ts derivable from root $f^{\prime}$ 'injure', cf Neisser, ZW'beh $d$ $R V$, s $v$ The $S V$ form secms on the face of it to contan the root $T$, it nuy he corript Beniey. 'rasche Spende habend'
näbhımrse (MS KS rubhudh ise) tın'ä (TS tanuvä) jarbhuränah (TS
 touched (attacked)'
 N Synonyms 'at the command'
präruin samkiukach MS a amkrotan prīnazh (VS पhrosazh pranin) VS TS sumghosin (ins ${ }^{\text {ogosin }) ~ p r i n a i h ~ K S A ~ S y n o n y m o u s ~}$ ronta $k r$ usi und ghus
yayor väm dec:ou deupse untretam (T'S antí') ojah TS MS ISS 'Undestroyed', from it and pple of ni-vyali, 'incessant', a-nisites
 'leave', it is more likely from ins. (sis) 'ordan' Caland apparently rejects it as corrupt, for lie trauslates sisarth ('sharpen')
 practically synonymas The two versione in adjacent hymans, aec RVRef 2.58 Add to V' I sil21, 324
aspirsam enam vatesviradniya HV AV $\ln$ AV most mas, SPP, and even Ppp (Barret, JAOS 26 257), read aspärSam, in spite of Wbitney, who keeps the HV form in lus lirauelation (root spr, sor), we think that the Al tradition intended aypariam, us a form of sprs 'I have tuuched hom with (life of) a hundred years' Of course the form is lighly anomalous
dieghīm anu pramitım (lis samftim) ayusp dhäm (KS tuã) VS TS MS
SB TB dirghàm anu prasrtlm sainsprsethäm MS Cf §78 tve ưah (KS mìve, MS tuc esah) samdnulhur bhūruvarpasah (TS † bhureretasah) RV SV VS TS MS KS SB
pratnăso agna flum ix'ıginast (AV isasinah) RV AV V'S TS 'Blowing upon' 'sharpening' (hoth practicully 'furtheridg, iending')
 RVKh ApMB HG
à dursule savasà sapla dānūn RV AV N ā darsatı ǵvursā bhūryojāh AV
The whole thought is made over in AV
atrā̀e bhadra raśanā apasyam (KS bhadrā vtyanā agrbhnām) RV VS TS Ks
 See $\$ 286$

## $s$ and $s$

8293 Here there are only a very few variants, and ther phonetic intereat is alight Ueually the change is duc tol a change in the preceding vowel from an a to an 'alterant' $\imath, u$, ur tu different word-divieinn which brought 8 intu adother word where it followa an alterant vowel The list is not complete
davyd mimänā manåā (lS marusah) puriutrā VS MS KS TB made sustpram (SV madesu sıprum) andhusah RV SV Cf PAOS $13, p$ exvill
бprno 'st samprmah (Apś пiptnosi sumprna) ŚŚ Apś The latter is corrupt
varusthaharuh VS oysthaharam TS TA
sugantuh karma karanah kartsyan JB sugam twah karmah karanah karah kurasyuh LS
 asūrte (MS KS ${ }^{\circ}$ tī) sū̄te rajası nışatle (MS ${ }^{\circ}$ tī, KS na saltā) RV VS MS KS N See $\$ 828$
kraten enristham vera ämurım utn RV AV kratee tare sthemany àmurim uta SV
rínäm ra stultr (SV susitutir) upa RV SV VS TS MS KS
§294 The rest are scattenng
ye urkspsu (KS udrasu) saspenjaraih (TS sarm²) VS TS MS KS MG See $5 \S 32,278$, and next
namuh taspiñaràya (TS saspi) unsinnate VS TS MS $\dagger \mathrm{KS}$
sanuam tam (AV samān $n i$, MS KS TA sarvāns tīn) masmaşā (TS SB, mubmasĩ, MS $\dagger$ mrımpsī, one ma mrómrósā, lis bhasmavā) kuru (AV -karam) AV VS T'S MS KS SB TA The word 18 sound-imitative (cf Eng mash, sumlar but independent) VS rationalizes with thought of 'ashes' ( $\$ 242$ )
 Whitney auggesty, attractıvely, absutramie (to match oşztha- in

TS ), but sw-tramar, su-trita, and su-trdtra seen to support the tradition of AV (nisu geemis not ubed whth the root (rí)

$$
k h, k s \text { and sibilants }
$$

§295 In view of the common later confusion of $\xi$ and $k h$, it is surpnsing to find practically no variants between these rounds, of the mas reading sudasi at AV 201354 , for khudas: of 5 SS
kagnotkn̄ya suähī TA TAA khakholkrịa svähü MahūnU Nether word is interpretable
\$296 There are, however, 3 enuple of carea of varmation between kh and \&, whech point ill a lake direction, ef the reading khunai for tunis (thru yunai) 'by a dug', l'urśvanitha (.amtia 2268 isum trijau (ApS ahhum twi ye) dudhere trmaguntuh KS ApS MS The
 Agni seems suthelently absurd, but the reason is plan The vinigoka of the =intra, in buth $\mathrm{A}_{\mathrm{p}} \dot{\mathrm{S}}$ and MŚ, reads, ty akhukurivam
 whhu hat crejt intu the sülra in Ags (where Caluad translates币um:

Nahähh 12 284
$\$ 297$ And one eave of $k$ a and , (lexteal)
muyum to sug whitu (lis io hatt) Is MS lis SB The same with ather ammalal manes in the :and parsage

$$
\text { ( }() \text { and } h
$$

§298 There is hul fant evolenee for this interchange The few instances are all levieal or morphological, or (lare viry much under
 contributury factor, ne inas call the clange quasi-l'ruhritic, see Warher-
 an argenal • in replated hy $h$
 endines, sie VIIp 104 Thereieres 1 - found in the firl variant in §299
 sMR UG The ohanorerent anding iand is repliced by the regular ö(s) plu: the partich ho
 "ahasu!nami) suhtüm yralia lukuh (TA lohih; T'A SS The Cone

asarinigùn hrtsuaso mayobhūn RV AV TS MS KSA N asann esam apsucito mayobhūn SV See $\$ 820$
Ipratyañ (etc) aomo atidrutah ( ${ }^{\circ}$ srutah etc, AV text ${ }^{\circ} h r u t a h$ ), вee 8275
The true text of AV is "drutah]
§298 In the rest it appeara that an ulder $h$ ta replaced by a stuto pher (RV yōi) vasán arıu RV VS TS KS SB LS See VVIp 105 The converse of the firat variant in $\$ 298$
turiyădztya (VSK turyiai) savanam (RV havo) ta indrıyam RV VS
VSK TS MS KS SB Synonymous roote su and hu
ohrtapruso haritas tüuahantu kS ghytaprusas tū̀ santo unhantz (AS
harito vahantu) T'B AS Aps
guhd hilam mituim (KS $\dagger$ uinita nihulm, by haplulogy) gahuaresu KS
MS guhd satim guhane gahmarequ TB ApS
fratno ha ('IA pratnosz) kàm idyn adhuarpsu RV AV TA MrhănU
The TA reading to corrupt, comm pratanos, 1
[suhaveha (AV mısnnted suaviha) havimahe RV AV VS MS KS
See Whitney on AV 32061

## CHAPTER IX PRESENCE OR ABSENC'E OF NASALS, SEMIVOWELS, LIQUIDS, SIBILANTS, H, AND VISARGA

## 1 Presence or absence of nasals and anusvära

§300 This phenomenon nccurs inainly but not exclusively before consonants When it occurs before vowcle, it is reslly a matter of sandhi, namely, of the use of a nasal as a sort of 'Hatua-tilger', to brige the gap between two vowels, the semn-vowela are used in the aame way Before ennsonunis, it ie to somir extent rhythnuc, and thercfore of genumely phonetic bearing, even the rarely if ever purcly phonetic, since morpholngical ur lexieal ennaderations play a part This rhythmic shaft is Prahnitic in character see Geiger, Palz iss, 6, Kdgerton, Studues in Honar of Herniann ('cllez 32 It ayppars moat elcarly when a sbort vowel followed by a misal ir ans-vira varies with i lrag vowel without nasal Thus in rarlant forms of the same word, ne at least from the saine rout
ya egn suapmanazisniah (AV ${ }^{\circ}$ nasanah'. MV AV N
pī̀me 'nğhrnaye seuhn T'A pişna äghriaye (eIn, mas àprnaye) suähd
 añjanena dipyamunuh, lut it ean noly be a phonetic variant or aemi-corruption for agh ${ }^{\circ}$
§301 From different and equally recular forms of the verb agnem nara, trisudhanthe vam idhurt (SV TS inulhate) RV SV TS KS aynum idhe ( SV indhe) mimenalhah $\mathrm{HV}^{\circ} \mathrm{SV}^{-}$
atra putar, y/athäbhagnam mandutheram TS TB Apsis atia piaro madnyadhyan US USK MS NS SH AŚ 56 LS MŚ Kzus SMB GG KhG; Vilh Add to VW $1 \$ 2 t 0$
 Aps Ser IVI p 187
nп pāpatıàya rāvìna (SV rimisisuin) RV AV SV See VV lp 109
§302 In words not etymnlogically related, but more or less similar in sound
 RV AV VS LS Aps Ser $\$ 217$
a(UTi,n idun (SV inulhita) martuah RV SV Cf nevt, both verbe are cominou in Agat-a orehip yam sim id anya indate KV , yam sam id unya indhate SV Cf pret
yīzad (SV 'TS KS yannad) visuam ny atrinam RV SV VS TS MS. KS
Hoote y/f and yam, ytuet-synonymes
 no) 'to 'nyat putaro yoyuratı (AŚ ! !uñgdheam) AS Kaus If we inny trust yuñidhyam, the nther verbs are from $y \mathbf{y}$ 'unte', therefore кynonymic Cf V'V I pp 42, 150 āpo armin (MS mai) mãtarah iunthayantu (TS ApS sundhantu, AV MS KS sūlayantu) RV AV VS TS MS KS SB AS ApS
\$303 Rather mure numerous are caves in which the albsence of the nasal dnea not involve a long precedne vowfl, but ie due to sundry inorphological circumstances which admit of elnsely related forme with or withour nasal Accidenty of nominal and verbal inflexion necarionally involve presence or abeence of a nasal Thesr variations are of cours pmaarily morphological, at mort they may be said to have a cerisin phonetic aspect, so that they are not wholly unrelated to the phonetic shift here considered it would hardly be profitahle to list them all here So far as they coneern verh forms they wall he found in VV I spe $\$ 192$ there (unterchange of nusal and non-nasal presenta), §̇\$210 and 217 (nasal presents or imperfects varying with non-nasal
 \$280 (adadrharita adadrnhanta). and many varmatons between $3 d$ persons angular and plural in $t, n^{t} t, t e, n t c$, ete , on pp 25is ff
§303a Twace subjunctives in -(ii).er are reported withan anomalnus $n$ before the $s$ We mught be tempted to emend the sole mis of ks in the second, in the first no v 1 is reported for $K($; and oldenberg keeps

 Whatncy says|ra) AV SG Barret, JAOS 12 36i(1, needleasly emunds Ppp to the's reading Add to VV I $\$ 253$

 SV, or smar deví ('TS TB $A_{\rho} S$ surar deriin) agarmen (MS MS agümt) VS TS MS KS EB TB Apsi MŚ, belong to noun declensoon, and
 In the appropriate volumes of thes series such mattere will be fully treuted, here we content ourselves with exumples
§305 Agam, in other caspe we find stem-forms with and without. nasaly, involving no real grammatical change Thesie concern stem or word forniation
uriñ gabhirai (TS gambhira) sumatis tr asitı RV TS MS KS In thas
and the next TS replaces an antiquated forin with one which 18 regular in the later language
gabhiram（TS gambhí）main adhvaram krdhi VS TS MS iB Cf prec
samudra wìn gahmanā（TB ganh ${ }^{\circ}$ ，but Poona ed gnh ${ }^{c}$ ）TB Apsi satyaujaiū dinhania（kiS $\dagger$ dThanñ，MS durhrnü）yom nudethe Ts MS KS sarvtasau druhmano yau nudethe AV Both TS and kS understand a forin of drh druh（ef adadrhanta adudruh ${ }^{\circ}$ ，VV I p 187）， $\mathrm{AV}^{\prime}$ and MS atruggle in cummon with another idea

 TS KSA The form ッ＇ms accurs in RV，of Pali sunsumara l．atur was is rerular，but in inay nell he ouly a apeondary adapta－ tion by pupular etymologes to u＇a＇boy＇＇The long ū of KiSA may be a mere enrruption in the single mos
\＄306 The prefix sam varies wht its uwn meduced grade，wa－，and with at syllable sa－of other sorts（sumin of the cased tertually dublous）
 sam tup chanduh IS MS lis SB scchup rhanduh＇rs
nam＂，rodithing oa surithr（TS samorlherne，lis sarothmane，MS



 pratihona，ciralam Vast Kıuく
 redupleatine sullathle
 N The MS hardly mater sener，it to probutuly due to asemalation in mesaning to sajü
 hardly interpretable，the elange is the reverse no the pirew
今心 reeted to wim，see（aland on Vat 421 ）
§307 Orther casce of final anust ara hefore ronconamte（ef also \＄4U1） rajobhūme team mím（Mahānl＇tram am，u TA I＇unna ed nith v 1


TB PB Apś MS Ser §192，MS elrarly secondary
ya Im vahanta ásubhth RV yadt vahanty ósavah SV
svahpatır yadī vodhe SV svarpatım yard ìm vidhe RV AV
yo rayıve (SV rayım vo) rayntamah RV SV KB SS SG The SV doubtless corrupt
tavydin no devah (MS lasyàm devah) savità dharmam (VS $\dagger$ VSK $\dagger$ TS $\dagger$ SB $\dagger$ dharmn) dànal (VSK ${ }^{\circ}$ sak) VS VSK TS MS KS SB Stems dharma dharman
ma ma yūnarvà hīsil (JB yono vīm höravih) PB JB LS Incornprehensible in either form
sa im (TS i) munulra (are §374) VS TS MS The partacle im becones in in TS , before $m$, this might be put with $\S 401$
sam im (SV u) rebhàso asvaran RV AV SV

## Nesal as 'Hiatustılger'

§308 The Rigveda itself has a number of instances of nasalization of a final vowel before an initial vowel, in hen of regular anadh Here the nasal (in the recugnized RV' саsem always anusverra) acta as 'Hiatustulger' See most recently Oldenberg, Noter on 1 3j 4 The varianta present one of these instancea in which secondary texts leave the histus unrelieved, and in another case ApMB MG read tanün for $\mathbf{R V}$ tanü, ull intending a loc ang
svāyām †tanūn ( RV tanū) rtulye ( $\mathrm{RV} \dagger^{\circ}$ bye) RV ApMB MG See Wintermatz, Introd to ApMB, XIX Kamuer mastakenly conadera the furm an abbreviation of tanvam
$\bar{u}$ te supartā aminantun (MS TS ${ }^{\circ}$ ta) evah RV TS MS KS AB
§309 Somewhat similar are cases in which other nabsla, $n$ or $m$, seem tol act in the same way as 'Hiatustalger' between vowels, or, converaely, we find in aume texta omman of final $m$ before an initial vowel, either with secondary aandhi of the two vowels thus brought into proximity, or leaving hiatus yarin (AV yady) fnam simgaro devatīsı AV TA Cumm on TA yadin ruam, yad eva praviddham rram We muet apparently underetand in for im (alater $i$ ), the partacle of emplasas, the TA form ta unprecedented and anggrata an attempt to a void hatus A heavy syllable 19 favored as the second syllable of the peda, of §438
athim rlayya (SV abhij rta3ya) sudughia ghrlaiculah RV SV The SV, tho secondary, auggests light pronunciation of the final nasal, felt as if mere Hiatustilger
abhī (SV abhīn) rtaxya dohand anūqata RV SV
 SMB abhyasıñcatam, PG ${ }^{\circ}$ (am) AV SS SMB PG Nom acc forms
a püqd etv a vasu TS àpusfam clv dusu AV If TS has the original form, AV may he regarded esa lect fac, with avoldance of batus
 tornitam (AV grnata) AV VS TS MS KS 'Sing to (with) the tongue of Aga' MS might intend an instrumental, but note the pp
§ 310 Mucellaneuu: nno-final nasale, before connonants agnir ukthena wahavia VS TS MS KS AS SS agner uktheiv anhneu AV apäm rasam udvayasam (hS udayansam, TA udayanaan) VS TS MS Ks sb th TA
agnem ulya hotī̀ram avचnitī̃ani yajamĩnah paran paktīh (VSK pañklīh) pacan vS I'SK MS lis TB (See also Conc under sizena agnim adya etc, '「B, but I'oons ed of TB lacks the word sisena, which is ulen shown to br all intrusuen by the lack of sandhi) panktih 'heapz' wsesondury or corrupt The same blunder in Kims 2210 see Rloomfield, (idi. 1901292
6311. Masellaneous nua-final nas:als befure vowels (once before 3), to these should he addell a few casien of presence or absence of mintal nasal convonants which we have placed licliw in $\$ 421$, where they meen more properly to belung
tam ähutam nasimah (AV' 'tan ais) NV AV AB Parallel mots as and na.:
 SB See $\$ 16$
 vitaya) dhavalf V's V'SK TS MS KS A =art of metathesis of nasalia KS
nu kır devà mıniması RV naku devià inimas, SV Svidh The strange niminus is questioningly classed by Whitney (Hoots) as an isolated 9th class present from $2(-$ notz $)$ Benfey equates it with $m 2 n^{\circ}$ with unexplaued loss of on Reverse of Hiatustilger"
 monatrous form of Lis may be influenced by its vinyoga $2 t^{2}$ taksnuyth (itself somewhat anomylous)

 is due to the antlurnce of the first
annam me (ApS *no) budhya (ApS ${ }^{\circ}$ dhnya) pähi, and ${ }^{\circ} y$ ajugupah MS ApS One my of MS writes budithyn each time, perbaps budhnya $1 s$ intended
Cf jivüm rebhyah (read mr mith SPP, comm, and many mas) parinìnaminim AV
$\$ 312$ Note finally the fullowing curious variant
 glosser by kimayamäno, the later regular form, which is gecondarily introduced in MS

## 2 l'resence or absence of $y$

§313 A large proportion of the varianta under this head cuncern the presence or abrence of suffixal yn A form contaming this suffix vanis with a correaponding forin without it, usurlly either a prinary noun or adjective in a, or a secondary derivative in suffixal a These caspas belong to Noun Forination and are to be dealt with there nore fully Tu some indetermunate degres they also concern phonetics, notably where $y$ appears after $\perp$ double conennant iti zuch pars as bhaks bihakyy, etc: Metrical considerationa enter to some evtent, the form with $y$ may be read $n=a \operatorname{syll}$ able longer than the other form, and thas orceatunally has import for our judement of the varmion, as will be pointed out in individual c.asen
(a) Word, equivalent in meaneng, y follows turn romanames
 is often written, and regularly pronnunced, $2 y n$, ser $\overline{7} 784$ ), and in whach the forin in $y$ is equivalent in ine:aning to that without $y$ The latiter in $n$ few instancea 18 formally proved to contam the secondary suffix a by showing vrildh of the first syll.able, while the ?f form lates vriddhi
 surna) $A V$ KS Aps ApMB Rut matrenas may be a noinn, 'friendship', metriyena must be an adpective möham pautram (KHU putry/rm) ayham rudam (AG m!gim, spe §724, SMB maim, and riynm) AG SMB ApMB HG КHU
 AG
 h.S Aps wiyus feäntarihsitt pitu süryo divah MS The latter contains the primary noun and belongs with $\$ 321$
prabhày agnyedhant (TB agnerdham) VS TB On the troubleame TB form see $\$ 491$
§316 In the reat, the great majority, secondary vriddhi appeara in neither form or in both
sumnäya sumnıñ sumne mid dhatlam TS TB ApŚ sumnäyuvah (TiS ${ }^{\circ} y$ yuas) sumayāya sumn(an (KS sumnyam) dhalla MS KS sumne sthat sumne mid dhaltam VS ŜB Both sumna and sumnya are used as both adjectives, 'gractous', and nouns, 'gracc'
agner devebhyah sundatruyebhyah (TA ${ }^{\circ}$ (rebhyah) RV AV TA N
svargāsz KS suargyãsz ApŚs
ürdhynh manah sunrgyam (TA swargam) MS TA
 ApS The reading martöach is pour metrically
krūram anansa (KS † ApŚ incisa) marlyah (KS $\dagger$ martah) AV IKS ApS Agan marlah ta unmetrical
marleş (VS MS KS martyfir) ayner amplo midhayi RV VS TS MS kS ApMB
 (KS na) iph osadhayah sant" (KS $\dagger$ "yo bhavantu) VS TS MS İS SB TB TA Mabund as sis LS BDh Folluwed by

 texty
Sāryah stjayah (TS KSA ähhuh sr)ayā) sayündaka, (KSA ${ }^{\circ} k i=1 s$, em v Schr ohnar, TS kayandakas) te matrüh (KSA ${ }^{\circ}$ tryäh, em unnecessarily to ${ }^{3}$ trioh in ed) VS TS MS KSA
abhi dyumnam (RV VS sumnam) dunluhahtum ynumitha (MS KS
 yaustha and "thya are perfect equvalents, the former seems to be preferred at the end of a trisubbh pala, the latter of elght and twelve syllable pädns
tuin aqne samethinam yavistha (RV athya) ILV TB ApS The atanza is pure jagati in RV, half of it ta mude tristubh in the others
satame pūrbher yavisthina RV yavistha pähy arhavah RV TA See RVRep 5.19
gambhirtibih (AV TS HG ${ }^{\circ}$ rath) pathibhit pūrunnebhich (MS pūrvebhıh, AV püryänaıh, TS HG pürıyaih) AV TS MS KS SMB AS HG
brhat sima ksatrabhrd urddhalrsiyam (MS ${ }^{\text {ramm, so }}$ ed with $p \mathrm{p}$, other msd ${ }^{\top} n_{1} n$, read prubably ${ }^{\top}$ nyam, $T S{ }^{3}$ ursnyami) TS MS lis AŚ
tasām vistsnündm (KS $\left.{ }^{\circ} n y \bar{a} n \mathbf{I m}\right)$ MS KS
namo nivepydya (p p ni) ca hrdydya ca MS namo hrdayydya ca nuvesydya ca VS namohradayyāya (KS hradavydya) ca nuveryydya (KS 'rydya) ca TS KS From the noun niverys 'whirlpool', is denved nuepuyd 'of the whirlpool' The stem nivepyd (or $n \mathfrak{i}^{\circ}$, note accent) is equvalent to thes latter and us probably merely a phonetic simplification of it, practically a question of mere orthography One KS ms neveßyjayn
namah flohryãya (TS sizghrıyñya) ca fubhyaya ca VS TS namah fibhdya ca fighraya ca MS KS
tau le bhaksam (LS asyam) rakratur agra etam VS JB TB ApS LS SS tayor anus bhakßain bhnkßayämı TB ApS toyor aham anu bhaksam (LS ©syam) bhaksayāmz VS LŚ tayor uham bhakyam anubhaksayamz JB SS
 RVKh VS ApMB HG
devãnso yamar tvede bhañgena (ApS bhañgyerna) VS SB Apš yamam bhañgyał́rato ( KS MS bhañga ${ }^{\circ}$ ) gп̄̀ya KS TA Aps MS yamam gāyu bhañgqásruvuh (ISS MŚ bhañga) KS 1A ApS MÁ mandūkā̄ jambhyelihzh (KSA jambhazh) TS KSA TB ApS jambhähhyäm taskaran ( $\mathbf{p} \mathrm{p}^{\circ}{ }_{\text {rän }}$ ) uta MS jambhyazs (KS ${ }^{\circ}$ yebhis) tavkarān ( $\mathrm{KS} \dagger^{\circ}{ }^{\circ} \bar{a} n$ ) uta VS TS KS ásuasya täje (KS krande, TB krandye) puruscuya māyau AV KS T'B yo 'eya (MS aiya, but Van Gelder 'syn) kausthyn (KS kausiha) jayatah KS TS Aps MS
 AG PG SG ApMB HG MG
 pedantry to yee in suapnya any really different meauing froin suaphat |matumam aptyam (AV aptam) aptyonnim RV AV N The AV must donbtless be emended to äptyam with Whitney]
(b) Words equivalent in meaning, y follows one cunsonant
§316 Next, forma in which the $y$ followa a mingle consonant, both forms atill cquivalent in meaning A small group shows the vind hi of secondary denvation in the form without $y$, not, in that with $y$ meghyā (VS maıghir) mḍ̀ulo vâcah VS TS MS KSA brhanto daiväh (VS divyäh) VS MS ApS divya from div, dava from deva, but meanng the same.
achinno dityas (KS ApS dazpyaz) tantur mä mänusad (KS ApS manusyak) chedi MS liS Aps See next
brhaspaitr devaram (SS davo, thıs belonge to §324) brahmaham manufyandm ( $\$ \mathbf{S}$ manusah) VSK TB SS KS ApS MS brhaspatir brahmisham manusah LS manusa and manusya are precisely equvalent in all uses, tho here the former happens to be an adjective, the latter a noun Cf prec
kelpayadam minnusìh TB ApS drıhantäm davvir wsah kalpantäm $\dagger$ manubydh KS
dhŗanäd päratí (VS SB par${ }^{\circ}$, TS TB ApS parvatyá) VS TS MS KS SB TB ApS MS Adjectives pirvata and parvatya (and, if VS SB are right, parvata Mahtdhara, parvatatmika), all of the rock' The VS SB reading is supported by the mas readings (two occurrencere) of KS, parvati both tumes, von Schroeder has emended, with douhtful justice
aranyäya (MS äranaya, but $p$ $\boldsymbol{H}$ ararizàya) srmarah VS TS MS KSA
§317. The rest shnw vriddhi etther in both forms or in neither Among them stands out a considerable group of cuses of the perfectly equivalent atenis davea and dazya
daum (HG ${ }^{\text {reyfo }}$ ) yo manuso fandhah ApMB HG
daveā hutūrah sanujuan na ctat AV daımjà hotâro (TS ${ }^{\circ}$ rá) vanusanta (TS vani', KS tiamsan na) püree (KS etat) RV TS KS
 KS holĩordheam ımam) adkvaram wah AV VS TS MS KS $18 \quad 17 \mathrm{~B}(\dagger)$
 SB
pauruseyād dawyāt lis pauruseyãn na danū̆t AV $4267 c$
manusid daıryam ( $\mathrm{M} \mathrm{S}^{\circ} \mathrm{vam}$ ) uppumı TB ApS MŚ
sam davena (TS SB bothalso ouyena, TA devena) savitrā V'S SB TA Mahidhara glosses both forms by devenu
§318 Annther compart group is furmed by variantia of süla and sürya, a диau perfect equuralents
brthat sǜv (KS sürys) arocata RV' KS
süryãso (SV süraso) ra darıatīisah RV SV
sajūh süra (MS sürri, TS sīrya) etaisfa VS TS MS KS SB

sparthante dheyah (TS KSA dheah) yirye nu (הV süre na, TS KiSA $\dagger$ süryena) vuşah RV SV TS KSA
§319 The rest are sporadic
 prajayä ca dhanena ca 'IS AŚ
agneh purisaudhanah (MS purisya ${ }^{\circ}$, VS $\dagger \mathrm{SB} \dagger{ }^{\text {a }}$ uharah) VS TS MS KS SB purisa and "sya are equvalent, Pan 3265
kdmayui rudhd MG kamyāyai suãha MS MS Probably MG corrupt
nakalynm (AG snkalim, sc tarpayaimz) SG AG Buth patronymice from sakala Since Oldenberg's translation of SG reade 8 ä $k^{\circ}$, we assume that saiknlyam is the true reading, sa probably misprint yaksmam sronibhyam (ApMB broni ${ }^{\circ}$ ) bhäsadal RV AV ApMB yakımam bhasady/an tronidhyäm bhācadam AV In RV bhckadn is a noun, in the second AV version it and bhasadya are both adjectuves, and one (probably bhasadyam, but Whatney suggeats bhdsadam) must be omitted as an ancient glose
rdyan pognm audbhrdam (ApMB =dyam) RVKh Vs HG ApMB pavamanah, ${ }^{\circ}$ nyāh, and ${ }^{\circ}$ nyah, vanioua Dharma texts All adjectivea from pavamana
mâyobhavyđya (SG āyo ${ }^{\circ}$ ) catuspadī AG SG catvàr mäyobhnuäya TB ApS ApMB SMB PG HG MG Equivalent nouns advese (MS "sye) dyävīprthivi huvema (MS huve) RV VS MS 'Having no hostility' = 'not hostıle'
[mılrūvarurā̈bhyūm ūnusfubhäbhyām VS TS MS KSA $\dagger$ Conc wrongly quotes KSA as Anustubhyin ${ }^{-3}$
anyam te asman ( NrpL C 'eman, AV asmat te) ni vapaniu senōh (AV senyam) HV AV TS NmU Senyam must $=$ senã
(c) Word.n not equivalent in meanang, y followe ita con.ionantr.

8320 In the rest, the two vanant stems ure not precisely equivalent to each other In many cases the derivative adjective in yu is paralleled by a case-form of the primary noun or its equivalent, or by the primary noun ured appostionally, or by a compound of it. In other enses the differcnce 18 yet greater, and sometimes the phonetic resemblance becomes rather remote, an that the extent of real phonetic influence 19 especially tenuous
§321 As before, we hat first cases in which the $y$ follow's two consonants, being then sometimes written $2 y$
 väl TS MS

 $\left.{ }^{\circ} y a d b h y a h\right)$ VSIK KS TS SS kS MS
 gulbidhärah (TA gur ordhànah) MS TA
lyain pitryii（ AB val pitre， AS SS petre）rạ̄try ety（ AV GB etv）agre AV AB GB AS SS
putrah patre（K＇s pitryf）InkukrJ jâtavedah TB KS Aps＇＇As a snn to his father＇＇as a con at the（rite）of the fachers＇
 thevänuh，AV vī prthovām）AV KS TB ApS AG（AVPpp parthiví yāh ）
 MS KS
 MS KS SB＇Of the nuhlest．＇＇nf the luphest nobilties＇＇for higheet nobility＇
adhuanäm udhuapule srr：thah wastyariphthnunah（ApMB sresthrsyndh－ vanch，MG sratsthyama smantasyidhemah）päram a．ilya AS ApMB MG Reall wastyas gá in MG with mnet mes
arghah HG arghyum ŚS HG aruhyam thoh Knus arharityd apah ApG arghyan＇（water）of the argha＇

§322 A conoderable trnup concerns whtha and ukthyn，the latter meaning＇a ceremony accompanied by ukthag＇，ur＇one to be revered with ukthno＇
uktham vicindráy TS AB GR AŚ Vait ApS MÉ uktham auārindríya SS ukthyam virinulraya smurte tuó AS
mantram vadaty ukthyam（N゙ゥル＇whthom）RV VS MS lis AA ApS NrpU
añgañ ta ukthyah piltu MS Apsi ukthas（＇read uhthyavi）te †＇ngint

ukthebhigre trohthūpyam arhmime kS whily，ithya ukthyäyme：m ApS uktham（AŚ whihyom）indrign sansyam llV SV AŚ

\＄323 Corang to the canes in whith a sumple ennsonant precedey the $y$ ，we find first a number of interchanges betwern tira＇hero＇and rirya ＇herulim＇
yau viryatr viratami satçsthi AV nirether vïratimmia samsthe MS
 esa te yajno yajäapute whasüktuniknh strirah（AV yuniryah，Vis sarna－ virus ）AV V＇s TS MS Ks sib

 all texts with hoth saind $s \bar{a}$ ）
puruksu tvapitā (MS ${ }^{\text {atah }}$ ) suluityam (VSK TS suvĩram) VS VSK TS MS
nerdevam nirviram (KSA ${ }^{\circ}$ ryamn) krtua TS. KSA.
prajām suvīràm (PG surị̛yãm) kfluā TS PG
§924. Next a group cobtaining forms of stems diz and duyga, or once deva and davya, ef eeveral smmar cases at the begmang of $\$ 316$ divak chadmisi AG duyami chadman LS
devo dhardmbtundhe hs bhindhidam (MS bhindhy ado) devyam nabhah
AV TS MS KS
madhye dıvo (MS * dıryn) mhztah prsner aśmā VS TS MS (both) KS SB
ahar diväbhir (MS vahad divyabhir) utzbhic. VS MS SB TA SS LS dieñhat 18 for diog + abbhtr, bilt 18 underatond by comm on TA as one word, $=$ dyotamäniohtr This misunderstanding is responsuble, also, for the variant of MS, which furnishea the only possible fonn if the word $1 s$ to be taken as a angle adjective
 uddharamz ApS MS
§325 The reat requare no subdivisum
 MS KSA
püru (p p of TS pire) tksavn 'värythhyah (ISSA †'viriyebhyah) paksmabhyah svähō TS KSA avãra ( $p$ p of TS ${ }^{\circ}$ re) iksavah päryebhyah (KSA päriyé) paksmabhyah suähā TS KSA pāryãmı pakịmāny
 päryäya katurtam TB pärãya mārgãram VS atäryãya märgãram TB ardrayakemurtam VS
 sugam ca me supatham (VS KapS othyam) ca me VS TS MS KS KupS
 ISS TB

brhadrathumtarayne thō stomena treffubho vartanyá TS
sūpasthā asy vànaspatyah MS sūpasthä devo tanasputzh TS Aps ugne tuam purisyuh VS ISS ŚB ugruh purisam ast VS VSK TS MS

KS SB T'B Apś MS And otherf, see Conc namah sobhyàya ca pruthvaryāga (MS ©surāya) ca VS TS MS KS ramo lopyā̀a colapyāya (MS ${ }^{\circ}$ pãya) ca VS TS MS KS
namah parndya (TS KS †parnyāya) ca parnaśádaya (VS ${ }^{\circ}$ Sadayn, TS ${ }^{\circ}$ badyáya) ca VS TS MS KS
sukras te grahah (VS SB grahyah) VS TS MS KS SB MS 'Draught' '(Juce) for the draught'
atho varunyäd uta RV AV VS ner mì varumād uta (ApS adhr) LS ApS Inferior meter in the latter
sa budhnyād (TS KS AŚ ${ }^{\text {noàd) }}$ ästa januso 'bhy (TS KS AS' janusabhy) agram AV TS KS AS (AVPpp agrees with the others, Barret, JAOS 37 260)
 VS ${ }^{\circ}$ mädesu) RVki! VS MS KS TB lasthur urnantah sadhamīllyăsah RV AV (Scheftelowitz prints "mädhyeßu for RVKh, but his me "midyesu) In MS IVS TB sadhamadya means the bame as 'mädn 'feast', but in RV AV' 'participant in a dadhamáda'
 VS
 hedo agne (KS yajc hidyan, MS yaje hedyän.) dV KS MS ana devin yuce hedyin TB $\mathrm{A}_{\mathrm{p}} \mathrm{S}$
 VS TS MS ISS

§326 We conchude the case concerning the noun-suffix $y$ with a few variants wheh are in one way or another anomaloue or at least peculiar
 KS SB rüjnetuya, adjectuc in MS KS, if equivalent to rijjacuu, the sulfix $y_{\alpha}$ is lirre added after a vowel In TS it appears is a noun Plenetically, the interchange in thas and the next is thet.ween -ūy- anal -:-
 Ms (ff prec
mahidevam aritahpirsvenn (VS $\dagger^{\circ}$ parsumpera) VS TS TA Formally, the IS form is based on parsu 'rih' Muhidhara antar pärsvästhsumbarulhina mänsena The forna antahpārsuyal oceure in the next formula
aganma metruìntirunī varenyā (LiS $\left.{ }^{\circ} y n a m, ~ M S ~ v a r e n a\right) ~ T S ~ M S ~ K S ~$ Here the adjective varenya- is corrupted in MS to varena, insir sing of vara-

Other casee of $y$ in formative and infexional elements
§327. There remain a fcw other cases which concern the presence or absence of a $y$ which, when present, is atill a formative or inflexional element, tho not the familar secondary noun auffix which has been dealt with above Thus, firat, a couple of cases concerning the gerund or gerundive endings ya
upastutyain mahr jätum (MS ityam janıma tat, TS * upastulam janima tal) $\ell \dagger^{\dagger}$ arvan RV VS TS (hoth) MS KS Valt Gerundive varies with past pple
uta prahām atıdìvyā jayāť (AV ${ }^{\circ}$ dī̀vā jayatı) RV AV The RV has a gerund form, the AV a nom sk of stem-divan
In another case an infinitive martave varies with mrtyave, dative of mityu (equivalent in meaning)
ǰuatave na mftyave (PB martave) RV PB
8328 A few variante concern noun inflexion Thur change of gender accounts for the following (fem forius in $y$-ah varying with inase or neut forms without. $y$ )
 Hotrabanains', the priest-naine is once nade fem to agree with āpah
 noun itself changes mender
Or different case-fonina vary
in kloka etıı (AV etz, TS Suet.U slnkē yanti) puthycua (KS pathrua) süreh (AV MS $\dagger$ sürıh, KS $\dagger$ sürah, TS Svoll süroh) RV AV VS TS MS KS SB SvetU Altcrnative forms pathé and pathyā The latter inay be nom in RV (so Oldenberg, Noten on 1013 1), in most texta it is certainly instrumental
imdm rarāh (MS ApS * narah) krnuta vedim etya (MS etat, but read eta with all mes but one, $A \mu S+226 a \operatorname{ta})$ TB ApS MS Caland recogazes eta as secondary to etya The reading etai (actually etad, before $d$-) has no standing, were it anything hut a blunder it would belong to $\$ 401$
vár ma àan (MÉ PG aisye) AV TS GB TAA Valt Apé Mś Kaus PG BDh Both thrse forme are regular, front the related and equivaleut steme risan and isya Interest attaches to the form ©syan, which is read by Gastra in GB with all his mse, and which is also the reading of most mes of AV and Kaus, a that it serme to be the trie Atharvan reading and ahould be adopted in all three textz (Curinusly, however, Garbe reports no such reading from
the mas of Vait, possibly thas is an editoral overagbt) The form aryan is evidently a blend of the other two forms
8329. In the inflexion of the verb, likewse, variant forms with and without $y$ occur Thus, first, an inserted $y$ is all that distinguighes a verb-form of the fourth present class from one of the axth (and sometumes of the Girst), the same rout now and then forme both, cf VV I p 125, where other mstances are quoted, leas close to each other in sound than the following
lapate sudha TS KSA TA napyate swhin VS

 would be from the Rigvedic adjective tapyatu, which is based on the preacnt stem tupya- ap much aq tapatye! (pres pple) is bused on atern tajul-
\{330 Sn the $y$ of the passive, in forms which vary with active or middle forms, aee VV I p] 49 ff , where uther cuses, most of them more remote from each other in cound


$\$ 331$ Other verbal variants will he mentioned in the sections immediately following, where phonetic tendencies are more clearly at work We will add here a smele stray mstance of verb forms
uthue lokau sanem (MS sunomy) ahem TB TAA ApS MS Sce VVIp 78

\$332 Deserving of ppecial treatment and emiphasis are a considerable number of variants in whech this evanesecnt $y$ follow palatal cunsonante, or sibilants, especally $h$; Here it is not to be doubted that the appearance and disappearance of the sound $y$ ts phoneme in chasacter, connected, that $12^{2}$, with the difficulty of dietinguishnig pronuncintion or non-pronunclation of $y$ after aluch conaonante The $y$ ingy sometimes be interpreted as au inflectional clement, is in the followiog verb forins. (most of them collectedin VV I pp 28-9)
 пуachase) MS TA SSA Aunist in MS, future in T'A, in S'S a further phonetic variation (ane $\{184$ ), fringing the form inin the sphere of $\mathrm{A}-\mathrm{yam}$
(nel tuì ) dadhry (TA dadhud) tudhaksyur paryankhayäte (TA "tai, AV unhaksan pariñkhyitai) RV AV TA Many mes of AV ledhaheron, which it certannly miended
sardhansy agne ajardni (SV ajarasya) dhaksatah (ApS dhaksyase) RV SV MS ApS See VV Ip 29
bhakso bhaksyamanah (KS bhaksa ${ }^{\circ}$ ) VS KS Bo the single ms of KS, ed emends to bhakpya ${ }^{\circ}$ If the ma readong were kept we should
have to assume a pple middle in form but passive in meaning mekpyomy ūrdhuas tisthum AV, so emended by RWh, all mse meksämy yenaksa ('k§ydu, etc) (see §'330) In PG ak§yc̄u 18 taken to be from akyz 'eye', but 18 really a phouetic corruption
6333 In one verb form the $y$ appears after $t_{n}$, it may be regarded as belonging with the $k S$ cases in view of $\$ \$ 182$ ff
lenaratsyam (GG SS MS abam, so also p pof MS, most mes of MŚ ${ }^{\circ}$ syam with MS text) MS SS MS GG The proper form ${ }^{18}$ ardtaam, aorist, the conditional does not fit See VV 1 p 29
§334. Other terb forms which belong in this category
ratho na väjam banıøyann (SV ósann) ayãsil RV SV Clearly a phonetıc slip in SV, making a sort of aonst pple, Benfey, tho he interprets the form as aor, translates a future
à efcyandim (AV viscartãm) adilaye durevãh RV AV The AV form 18 evidently a phonetic blunder, cf VV I pp 29, 51 f
§336 Besides the verb forms quoted in §J.i2, and a few contaming the noun suffix $y a, 8 \$ 314 \mathrm{ff}$, we find the following cases of $y$ present or absent after $k_{s}$
 (TS ${ }^{\circ} \mathrm{puä}$ ) TS KSA See $\$ 2.55$
 itarajandnäm TS KSA The ed emende to calurakın, which seems necessary
aksyos (nues aksor) tanvo rapah AV
Cf further such mss readings as mbhuñkamana for ubhuñkpya at Kaus 23 9, 3826
§336 The other cases concern $y$ present or absent after pulatal consonanta Promment among them are several cases concernung the root scut (Wackernagel I p 268) The forme written with sryul rusy be partly contamanted with cyu, indeed the mss also show forms which might be derived from that root, and sometimes their confusion is such that their intentione are doubtful
prasthtiē vo madhuścutah (VSK MS ogréuutah) VS VSK MS TB So the editiond But Poons ed of TB records av 1 'scyutah, and per contra, all sambitar mes of MS read "cyulah or ${ }^{\circ}$ eculah
stucd devam ghrtascutó (KS and v l of MS ${ }^{\text {ascyute }) ~ R V ~ T S ~ M S ~ K S ~}$
ghrtasculo madhusculat. TS MS KS SB ghttascyuto madhuscyutah VS MS Sov 1 and $p$ p of MS in the other passage Moreover KS has $v 1$ ghriacyuto, and for modhu' its two mas read ${ }^{\circ}$ scyulah and ${ }^{\circ}$ ryutah
dyaur yatak cyutad aynav eva tat ApS prthzvydm avaruscotantad TB ApS yata scutad dhutam agniau tad astu KS yatra cufcutad agnàv ceutiat MS (but the latter 18 a dubious cmendation, better, yalra scutad) yata focutad (eo read) agnāv eva tat AS See on this vanant VV I p 139
§337 Other, macellancous caees afipr palatals uspoh snaptre (TS snyaptre, MS sipre) nthah VS TS MS KS SB KS ApS The pronuncialinn of $n$ after a must have been approximately $\bar{n}$, thie is indicated by the TS variant (v land $p$ p, however, snaptre), so the Vy'sisaah sī 248 prescribes (cf Keth, HUS 18 xxxyin)
 So, correctly, Pona pr $4 \operatorname{sn}(y) u$ uni is an othiprwise naknown epithet of Agni The commi explains only ibe form with $y$, monatrously asnimam bhoktīnam uirur déhako yo 'gneh Cf prec
 AS ajyam me) V'S V'Sk TS MS KS TB SB AS Vait LS KS dito juote (KS * 'tir) vitasta (MS devaüte verustann) MS KS vemasuãn adhter devajüths TS
mifase ( SV mrgyasf) pavawf mati RV SV
 with nearly all mis, but aganst comm, Ppp, and the evident sense, which demande syāmä, zee Whitnc:'y's note

Piesence or abernce of 3 before initial vowel
§338 To a considerable extent $y$ is evaneecent when unconnected with any consolint That is, first, at the heginming of a word, and moat commonly (tho not always) when the preceding word ends in a vowel Secondly, or bether as a special case under the priceding, there are cases in which the $y$, when it occurs, is not initial, but joins into one word two words which are unconnceted in the form withnut ! In either cise the forms without $y$ often show a hiatus between two vowels, so that $y$ presents the aspect of a kind of 'Hiatuatilger', reminding us of the similar use of this sound in Prakrit (Pischel §353) and Palı (Geiger 873), of Edgerton, Studies in Honor of He, mann Collitz 31 The phenomena are, to be sure, accompamed by all sorte of etymological and grammatical changen, rarely do they ahow such purcly phonctic character as in thas
agne aksīn (HG agneyaksint) nur daha suchā ApMB HG As Kirste observes, HG must intend agne a $k^{\circ}$, so that $y$ is a gimon-pure 'Huatuatilger' and nothng else See also andmayardhr etc, $\$ 344$
§339 The cases of witial $y$ are
punar brahmanu (AV brahmá) susunitha (AV ${ }^{\circ} n t u r, ~ K S ~{ }^{\circ} d h i l a m$ and $\dagger$ ${ }^{\circ}{ }^{n}$ itha, MS $\left.{ }^{\circ}{ }^{d} h i t a\right)$ yajinich (AV MS KS *agne) AV VS TS MS KS SB agiue is probably original, it is preceded by $r$ or $m$ in AV KS , by $e$ in MS , the latter would be specially apt to lead to the development of initial $y$ -
añjantı ниprayasam (A\Ppp yurijantı suprajasam) pañca janäh RV Al'Ppp MS See $\$ 192$
pitevaidhz sünaua à (MS , ū̆nave yah) sukevah VS TS MS kS TB Aps
devebher aktam (VS TS yuktam) aliteh sujocilh VS TS MS IESA kapthd ajmesv (SV yajniesu) atnata RV SV A lect fac in SV
 whäyäh, TS manasiè yad mhizyih) RV VS TS MS KS AŚ N amestam ass surihi l'S SB yamestam ass (with or without suīhä) I'S MS KS TB 'Sacnficed at home (to Yama)' I'receded by ase in all The preceding vowel 2 makes inertion or onission of $y$ particularly easy
äbum jayantam unu yñsu nerdhaxe RV VS TS MS SB yī samjayantam adhe yüsu mardhave KS The latter 18 doubtless secondary Preceded by gera hapS äsrimn, doubtlessin intending aisum
§340 In some instuncer case-forms of the relative stent ya exchange onth similar forms of the demonstrative etern $a$ This may be assumed to be partly duc to the instability of initial $y$
trtnsiad yasyā ('ГВ asizü) jaghanam ynanainı MS KS TB
arya (SV yavya) to sakhye rayam RV SV
uhorñ tsayo namo aitn ebhyah (MS avin adya yebhyah) AV TS MS caksur yad einam manasas ca satyam AV cakjur ypsam (v l hy esimn) tapa utrabhimam MŚ raksuia eyñm munaiaś ca saindhau 'TS yauyäm (v 1 asyärn) devī abhi samu'santah MS Others with tasyäm, aee $\$ 281$
§341 And the same with adverbial forma derived from the zame Btems
metro no atra varumio yujyuminah AV metro yatravarunoajyamanah RV Double case, the $y$ of yotra geems as it were to jump the next word and attach itaelf to the participle in AV
yaded ( KS ad id) ankī adadrhanla (TS adadrnh ${ }^{\circ}$ ) pürve RV VS TS MS KS This pada precedes or (uI KS) follows the next, the
worda yad (yada) and ad are transposed in KS owng to the trangposition of the troo padas
$\bar{u} d$ (KS yad) ${ }^{2} d$ dyāuã $p r$ thevì a prathetam, same tevts See prec
athd (TB* yathà, AV MS TB* yatra) devaıh sadhamädam madema (AV madarti cornm madenia) AV MS KS TB (all three) ApS Preceded by a vowel all three times in TB
yathe (RV atho VS SB athai) na (RV ta) undrah kevalih (VS TS SB

yathanam jarase nayit AV athainam janma nayet HG
Cf also yasya (vy asya) yonm pratı teto ctc, §363, and yasyàm idam vituam (visuam hy ayyäm) pte, §38h
\$342 Lesa conimon is the arcond class of cases, in which $y$ in one reading connects two worde which are uncunnected in the form without $y$ In some cises it is scarcely to be doubted that the appearance of the form with $y$ is related to cuoidance of hiatua, ay in the variant quoted at the end of $\$ 338$ While no other case iy na clear as that, lexical reinterpretation and other somid-changea heing always unvolved, it is sigafiemant that the form eontaming the $y$ is more often secondary, namely in the following group,
valımanaram fola a (TS ruj, a) gatam annm RV SV VS TS MS KS PB SiB 'Horn fur the ra' is obviously eccondary
 a dative as substituted for a locative, both depend on dadhwh in the context
 is isk TS MS lis siB 'For (at) the racrifict', the latter probably oripinal Kipith on 'TS +210 I translates 'for', his text sceme to require 'a1'.
 nyardar vipra à tsati) MS KiS Aa in prec, a loc with a varies witha dat
yo gopä upı (TB qopäyat) tam hure RV AV TB Aps
ta à wahantı (MS tayīuhante, KS tad äharante) kavayuh purautäl TS
MS Lis TB Spe Keth on TS 11121 The original reading probably in TSS . Kerth thinks that MS may intend the same, with tay fur te, altho its Rrähmana explanns tayja as referring to the dhisani
datto aurnabhyame (KS dattuilyàma ${ }^{\circ}$, AS duttayàasma ${ }^{\circ}$, corrupt for dattuā ${ }^{\circ}$, SMB datēisma ${ }^{\circ}$ ) dravineha bhadram AV KS AS SMB dadhatha no dravnam yace ca bhadram MS See $\$ 367$
mahyam vitah pavatam ( $\mathrm{KS}{ }^{\circ}$ e) kime nsmen (AV kamaydomar) RV AV TS KS
$\$ 343$ In some cases, however, an onginal angle word ts broken up by omitting $y$, and leaving hatus secondarily
privakayd yas (TS pduaka ä) cifayantyd krpa RV VS MS KS SB
Cf Oldenberg, Proleg 453
pāhz gayandhano (SV git undh ${ }^{2}$ ) mude RV SV The RV haa a regular
2d aing impe pres from gai, the SV an aor mj, gãa Add to VV I $\$ 158$
piteva putram jarase nayemam (MS ma emann) MS KS ApMB HG
The MS $p \boldsymbol{p}$ reads jarasena, $\bar{a}$, inam, corruptly pointing to the reading of the other texts
8344 Consider also the following pecular case
 na indra SMB andmuyàdhz mā m६āma indo Kaué The mes of Kaus read anamayedh, the emended ${ }^{\circ} y a 2 d h i s$ supposed to contain double sandhi, for ${ }^{\circ} y a(h)$ edhe 'he free from disease' But the Kaus reading may really intend amã ma(y) edhr, like AS SG, with 'Hiatustulger' $y$ as in $\delta 338$ See Bloomfield's Introduction, $p$ lvw, and of $\$ 78$
§346 We have now consudered the cases of plus or munus $y$ which seem most clearly phonetic in charscter, in addition to those in which suffixal $y$ is concerned There is little else to record, except a groutp of vanations between the pronominal steme ta and tya The more archaic tya is generally the orisinal, but twice it replaces in in eecondary texts yad dha syā (AV sià te panèyasi RV AV SV TS MS KS mayz tyad (MS tad) indreyam bohat (KS TB 'ГA mahat, MS miryam) VS MS KS TB SB TA As Ŝs Pratika in MS may lyad (so Knauer, but mes mostly hid)
yuthū ha tyad (TS ApS MG lud) vinuvo guuryam cul TS MS KS SS ApS HG TA AS SS
ānu tar (SV lyar.) chardhodivyam urnīmahe RV SV
prato te (AV tye) te ajardvas tapngthath RV AV
ud at te vasumitamâh Apsí ud u typ (MS MS ud-ut te) madhumultumaih RV AV SV MS GB PB AS SS Valt MS
8946. Other lexncal vanante, except those considered above where phonetic conditions are favorable, are very few
pełavratī tantunà samvayantī (KS TB ${ }^{\text {royaynntī) MS }} \mathrm{KS}$ TB Roots ua and vyn
endram vagnuns vahatu PB vagnunendram hoayate TB ApS (with metathesis of $h$;
$\S 847$ We conclude with a few textual errors and false readings which ahould probably all be elimmated susatyam id gavám casyast pra khudast $S S$ susadam id gavām astz pra khuda AV Berlin ed, violently emending the mas which agtee precisely with SS but for the slight corruptions gavom and sudase vedad gavyam saramā drdham ūrvam (TB ūrvyam) RV TB But Poons ed of TB has the correct ūrvam, text and comm, without $v 1$ saläsalī (comm satyavalì) prajūpatih TB But Poona ed conum saldsalt
hiranyavad annavad dhehe (ApS annam adhyehi, read annamad dhehi) mahyam KS ApS The corruption may be graphic in nature prayupsyann wa sakthyau (TB text sakthou) TB ApS But Poona ed text and comm sakthyau, the only posable reading

 ayoddheva (TB 'dhyeva) durmeada i he juhve RV TB Tho Poona ed has the asme reading, it is surely corrupt, perhapa graphic The comm has the sanue, but explanas it as tho ayoddhe-tva

## 3 Presence or absence of $r$

§348 Owing to the rarity of $r$ in formative gyllables, this interchange nppeara mandy in radical uyllables, producing lexical variations which are naturally along the line of least resistance, that 18 , the variant words are more or less aynonyma It may be assumed that the relatively fant pronunciation of the hquid was a coutributory cause The materiale are very heterogeneous, however, and of leas phonetic aignificance than wus the case with $y$
§949 We begin with groups of variants concerning nearly synonyinous words and roots, and first, sravas and savas and related worda
 MS
grnänoh gravase (SV $\mathrm{Ea}^{\circ}$ ) mahe RV SV
satrā dadhänam aprahıskutam savähsı (SV sramānsı bhūrı) RV AV SV TB
à yo vesuint savesā (SV sra) tatãna RV AV SV

$\$ 360$ The roots $d$ hai aud dhr and the like, in virtual synonyms sado vanegu dadhese (SV dailhrist) RV SV
vosū dharmānı dadhise (SV dadtrise) RV SV TS MS KS ApS yo nah pnlé janılä yo vudhîhī (MS vudharlä) RV VS TS MS KS AS
dhatd udhath (MS dharla undharuī) paramota sandrk (KS paramo na samurk) RV VS TS MS KS
dauydya dhatre japlre (MS dhatre deyste) VS TS MS KS SB detayor dharme (MS ${ }^{\circ} m \bar{a}, \mathrm{AV}$ dheimann) astheran AV TS MS KS kpaynsyळur udhatah (SV indhartī) RV SV Here endhatuh from root undh
§9b1 Roots pū and pr
aliratrain vavarguan pitita ravaf (KS lavpsuan pula raval, TS vargan pürtır ävot ntā̄hā'TS MS KS
apdlam indra (MG indrıu.) trig (ApMB MG trih) pütvi (AV pülua, MG $p \overline{u r} t y a^{\circ}$, ApMB pūrluy $a^{\circ}$ ) RV AV IB ApMB MG
8362, Roots prīand $\mu \bar{a}$
 pru oūm udhvaryus caruhi prayasvān (AV'iu payasvän) AV AS SS Comim on AV prayasvārı
§363 Miscellanenus synonyms or near-synonyms, wuh some corruptions involving no further changes, or very ulight onee, in the words, in the first case $r$ possibly playe the role of 'Hiatustilger' ahem budhnyam (TS ${ }^{\circ}$ nvynm) anu riyaminā̀h (TS samicarantīh, MS KS anv iyamairnin) VS TS MS KS SB Practically synnnyma, note that $r$ ie initial, after a vowel, and probably secondary, a sort of 'Hiatustilger' ${ }^{r}$ ris used in this way in Päh
anlarikse pathzbhir z̀jamānah (GB hriyamuinah, so Gasstra without the $\mathbf{v} 1$ hiyamaizah recorded in Bibl Ind ed) RV GB The AVPpp 11074 (Barret., JAOS 26 290) has the RV reading, GB perhape corrint, cortanly secondary Note the final $r$ of the preceding word
vanasade (MS vanargade, KS vanrsade) vel (TS MS val) VS TS MS KS SB Sec $\$ 650$
mā luan hārsih trutam mayı PG árutam me mī pra hāsīh RVKh 'Take away' 'abandon'
purā jalrubhya (TA ApMB jarirhhya, MS cal:rbhyā, p p rakirhhyah) ütrdah (MS 'da) RV' AV SY' MS I'B TA KS ApMB Comm on TA trips to denve ite corrupt form from ront gar (or)
nkirnda (kS ida, VS ©dra, MS vyakrda) vilohta VS TS MS KS See $\$ 168$
ya fte (TA ApS ApMB yad rte, PB $\dagger$ yaksate) and abhisrisah RV AV SV PB TA K'S ApS MS Kaus GG ApMB gure celid abhenzsah MS (corrupt, see §193)
 See $\mathfrak{\text { fR}} 8185,192$
 mn rdam) ipfam suam fränlam (TB text frätam, Poona ed frodnlamn) AB TB ApS suam ma zstam astu sunam sinlam KS
hotā yakiat sarusuatīm (KS brhaspaltm) krontah (KS śmetat, Conc suggesta rcading sin ${ }^{\circ}$ ) VS KS
prthuvi bhūvar ( KS vobhī) strīāly urandhra (KS uramdha) ortle KS ApS An obscure epitbet of earth, perbaps belonge in $\S 350$
agne 'dabdhiyo 'sirtatano pähe mdyot KS agne 'dabdhinyo 'statano pähr mīdya divah TS TB ApS agne 'ilahdhāyn 'sitama pahz $m i{ }^{\text {didynh VS }}$ SB In KS, apparently the original, 'having uninjurpd body', TS, 'having not cold body', an over-sophisticated lect fac VS has a further change, by haplology, and ta really unint.erpretable, comm either 'most eating' or 'most ohtaining', of which the former 18 adopted by BR and fita Agni well enough, but is formully unsatisfactory
in jıhişun lokum krnu AV in jıhīrova lokün krdhı TA The AV 18 oniginal 'go apart (root hä), make room' TA conam takes it as deenderative from $h_{T}$ (inhartum icha), which would requre jihīrsasua anadhrsfam sahaxyam (TS KS sahavriyam) sahumat TS MS ISS AS 'Tbousandfuld mighty', probably original 'powerful and mighty', lect fac
yo agnih kramgavihanah (VS KS kavya*) RV VS KS AS yad agne katyamihana T'S Euphemestic change of kravya to kavya ${ }^{\circ}$
yata ältav (AS arttas) tarl agan punah TS AS 'Whence it was tahen, to it it has returned ' AS mere blunder or mapnint
prati vaitor aha (AV* ahar) diyubheh RV AV (both) SV ArS VS Iis SB praly asyo maha diguthich TS The comm on AV has aha, ahar is a blunder suggested by dyubhih
apiōn teà sadhiš (MS $\dagger$ sadhrißu) sindaudmu VS MS KS SB sadhış-1, 'in the seat', vadhrisu ('mere blunder', Keith on TS 4 perhaps with thought of RV aadhri
aruäbho mrida dhūrta (MS ${ }^{\circ}$ te, $v 1^{\circ}$ ta) MS MS anärthava mrda KS ApS See $\$ 749$
Sam no bhava hrian a pitu indn RV GB AS Valt MS Accordneg to Ganstra, all his niss rcad indra for $2 n d$, a atupid blunder which he disregarde, printing indo in lus text
a na indra (and, inulo) makion isam RV (buth)
 VS TB Probably mere misprint
potrapnidhro (read wnth Gasatra potā${ }^{\circ}$ ) nthilam padam ekum GB
5354 The followng unvolve diferent word-divisions
yasya (ApMB. vy asya) yonim paivreto grbhaya (ApMB HG prati reto иrhäna) SG HG ApMB
ayuhpatı rathamtaram (MS ayuh prallrath ${ }^{\circ}$ ) tad asfya etc ApS MS The latter corrupt
yena bhūyaf (PG bhūrıs) carãty (MS caraly) ayam (AG ca räryām, corrupt, PG card divam) AG PG ApMB MG See $\$ 61$
Lan ma nnive (KS mürjuluã) TS MS KS 'Quacken me' 'cleanomg it' sa vah sarväh sam caralı prajünan AV sarvah sarvd (p p sah, sarväh) ve caralu prajàran MS The latter carelesoly asemulates to the followng sarwh
má mā yūnary hisild (JB yono vām härasith) PB JB LS Botb forms obecure
agnar hotrenedam (SS hotreria) havr ajusata MS SS agnihotrenedam hanr TB AS But agrur ho must certanly be read in all texts, with Poons ed of TB
ud varisamn ton yemire RV SV TS KB N ūrdhvam kham tua mentre Mbh
§365 In the acxt group accompanying changea in adjoining vowela or consonants make the two vanant words less close phonetically ürdhvactlah (MS KS ºbritah) stayadhoan VS TS MS KS SB TA See \$195
sväm tanvam (tanuvam) varuno 'supot (T'S TB ânstrel) TS MS KS TB See $\$ 287$
pred u harivah srudasya (SV sularya) RV SV TS See §278
trifug (AS trấrud) ghurmo vibhatus me (KS gharmas sadam in me vibhât ) KS TB TA AS See $\$ 145$
savd rulasya (TS and v 1 of MS rudrasya, VSK sean rlasya) bhevaji (MS ${ }^{\circ} \mathrm{a}$ ) VS VSK TS MS KS See $\$ 684$

of unpurified (yoms)' 'protecting שben propitisted (')'
rudrãaìm urvydydm (ApS ūrmyāyām, SS omyaydm) SB ApS SS Sec $\{228$
amocz (AV amukthd) yaksmidd durildd arattyaz (AV avodyãt) AV PB ApMB See $\$ 60$
a7u daha sahamuluan kravyidah (SV kayddah) RV SV sahamūrün anu duha kravidiah AV Benfey explang the SV form as from kaya $=k a j y a+a d$, 'body-eating' Thus would imply metnc ahortening of $\delta$ to a There may be involved euphemistic a voidance of the word kravyäd, as ma kravyauaihuna kavya, 8353
© autraute (MS KS bhüyısthadaime) sumadim ävrnavah AV MS KS * oprsthaddune sumatim gmdnäh TS It is likely that the origioal form was cisuraine, of Whiney on AV 19423 The TS form, tho umpeccable, is secondary
$\$ 356$ Among the rarer cases of presence or absence of $r$ in formative elements, we begin with a miscellanenus group concernang verb inflemon ghtam duhala (RV* duhrala) dsiram RV (both) SV See RVRep 137, 562, and VV I p 169
te daksinām duhate (AV le duhrate duksinsm) saplamätaram RV AV See VVI, I c
ulatnam (NīlarU uda (vid) gnpä adrstan (TS NLarU adrínn) VS TS MS KS NilarU See VV I p 170 Followed by
adrstann (TS $\dagger$ adrśsurin) udahäryah VS TS See ıbıd
apa snehtir (SV snühtem) nimanì adhatta (SV adhad räh, KS $\dagger$ nrmanóm adadhrīm) IVV AV SV KS upu stuht (Poona ed anuht) tum ntmnim athadrìm TA Sue §110, and VV I p 170
 hut Jorgensen manä", AV maniv) acarkrjuh (KS and SMB Jork arak ${ }^{3}$, SMB Conc rarkrdhi) AV KS TB ApS MS SMB PG The KS also has vlaruik', whuch perhaps should be read thruout Jorgensen assumes dissimilation, see VV I p 149
Coinpare further vanants between the verbal endings -re and -rire, VV Ip 170, and ghrtam mimikse (TA ${ }^{\circ} k_{s i r e}$ ) ghrtam asya yonih RV IS TA, ibul p 214
$\$ 357$ Finally, unother not much harger gromp concerns suffixal or inflexional gyllables of nouns Theee cises belng to noun formation or inflexion It niay be nuted, however, that in a number of casea-those listed firat-t he $r$, when present, follows a consonant. group In thesc, espectally, some phonetic elcinent in the shift may le suspected, of the similar cases with $y$, §§314-5, 321-2, and nur chapter on Consonant. Groupa below
bhüre sautam (SV sustram) prthuh suaruh RV SV V'S Syuonyms, but here the form without $r$ ie older
ahunddhä enthurenā cad astrī (MS astah) HV MS kS The MS 19 secondary and inny be a phonetic smiphication or corruption
na kır devä meniması HV na kı deví iniması SV Anomalous reduction of na-kts to na-ku
عūro rathasya napt!ah (ArS naptryah, TB nuptriyah) RV AV ArS KS TB Feminine atems napit and naptri, the latter influenced by naplar
 tvast $i^{\circ}$ ) te sapeya TS ApS TA teaptrmantas (MS MS tuapiri', ApS tuaptu') toi sapema VS MS KS SB ApS The MS MS ApS forms are Prakitic in vocalism In the Tait achool form, which concerng un bere, the stem tvaytr 19, as it were, femmized Add to VV I $\$ 345$
praty eld vamd pratiythotupataktar (SS ${ }^{\circ}$ "akta, v $1{ }^{\circ}$ vaktar) uta KB SS praty etrisurwan pratişhotopavaktar uta AS The form can only be construed as nom, ${ }^{\circ}$ vakla, if it is mtended, must stand for ${ }^{\text {a uaktā with partial sandhı ( } \mathbb{C} \text { shortened, §991) But it }}$ looks as if all texts intended ${ }^{\circ}$ vaktar Hillebrandt, on SS, p 252 note, suggeste that $r u$ is a bad writing for $u$, but it is pretty wideapread to be a mere graphic error Is $r$ a kind of sandhi consonant or Hiatuatilger, as in Pälı" Cf the first variant in $\S 353$ Or 18 ${ }^{\circ}$ vaktar used as nom" Cf the nom neut (') forms in tarn, Wackernagel III p 205 supra
反sāh pramuñan mänusir lhayah VS TS See §783
vapla (ApMB vaptrā, HG MG vaptar) vapiam (PG ${ }^{\circ} h$ ) kesusmasru (AG PG MG kesuann) AV AG PG ApMB HG MG vaptrā is an msamilation to preceding instrumentals
à mã stutasya vitutam gamyāt (Y'alt gamet) T'S Vait à mie stotrasya stotram gamıūt PB Synonyms
malyal śruhiya (muhe srutrāya) cukjais AV (both)
 vS MS TA SB yajatí ( $\left.{ }^{2} t \bar{i}\right)$ is a verb, 'sacrifice yc'
gaur thenubhavyf (HG dhenur thavyā) ApMB HG See §§18 agner agneyinty (KS agniyiny) ast (one ms and ppof MS agner apner yäny asi) MS KS devinàm agneyãny ast TS agner yōny ast TS MS KS Ap S MS aqneyini, certainly the true reading of TS and probably of MS, is a curious tatpurusa compound in which the sten vowel of the first member 18 asamulated to the vowel of the genitupe ending 'Path of Agn' is meant in every case lis has the regular form, and for that reason may be suspected of being secondary
brhaspatisutasya (TS MS add tu, VS VSK SB add deva soma ta) indu (TS indu, VS ŚB indor) indriyãatah VS VSK TS MS KS SB Gen voc
 SB The KS changea an accus plur, with which a noun has to be
supplied (the commentators and translators are at wea as to what noun), into a dual form agreeing with rodidi in the preceding pida deli dudrau (Vait devir duarn) mā ma samldplàn Ts aS Vait Cf prec, and $\$ 732$
asmadratī madhumatir (KS ${ }^{\circ}$ (ī) MS ISS SS and others, $\$ 800$ gaurir ( ${ }^{\circ}$ ri) mimdya , vee $\$ 545$

## 4 Presence or ahsence of $v$

§358 Doublete with or without $v$ seem to have existed to some slight extent in IE tines, and atill exist historically in the Veria aud even in Sanakit (cf Wackernagel I §232c) Ainong the vanants they are farly numerous Undoubtedly mosi interesting is the large class in which $v$ 1 a mitial before a vowel Frequently, tho not alwaya, the preceding word ends in a vowel, so that we seem ti) be dealiug with a tendency to bridge over hiatug by the sound $t$, as in the case of $y$ ( $\$ 338-44$ ), and to a much shighter extent $r$ ( $\$ 153$ ) As with thoee sounds, however, the form with it is not by uny ineane alwayo secondary in teyt history

## 1 initial before a vowel

\$369 IIere the place of honor belonges tu the rime-words faibha and driabha, perfect synonyins, which exchange on a large acale In soine cases we seem to detect quite clearly the above-mentioned tendency to avord hatus by using the form with $:$ when the last word enda in a vouel But this is by no meanis universal
ursabhena (TS $75^{\circ}$ ) hastia TS kS This is an instructive cage, it 1.3 preceded by a word endine in a vowel in $k$ tis, in a cononnant in TS We can hardly beheve that it is pitirely accidental that kS begins with ${ }^{1}$
 Ohserve that $r_{i}$ - 18 preceded by 4 final $-m$, vrs- by a final vowel It is as if $v$ yhifted to $m$ ( $\$ 236$ )
rrsabhena (TS rs') gäh (lis grüah) T'S LiS liSA The single my of ISA has corruptly asvī- $v_{i}: a^{\circ}$, whech Von Schroeder emends to asvän $v \tau^{\circ}$, but he adds a note that perhups the TS reading (asimein $r i^{\circ}$ ) should be adopted
ursabham (VS* $r^{3}$ ) naryapasam RV AV SV VS (both) MS TB Here preceded by a comsonant tsabhāyu (MS rify') yavaut ('l'S KSA rojne guviyah) VS TS MS KSA A conconant precedes
rabaho (KS $\pi^{\circ}$ ) gaur layo dadhuh VS MS KS TB A consonant precedes.
upsabho 'si surirgah AV rabho 'si suargo lokah TB Initisl in verse kakubham (VEK TS ApS ${ }^{\circ} \mathrm{ham}$ ) rūpam urpabhaoya (KS rūpam ra") rocale brhal (VSK brhan) VS VSK TS MS KS SB ApS MS
 MS SB TB KS
brhad roabham (TB vri, but Poona ed text and comm $r^{\text {a }}$ ) gdm vayo doulhal VS TB
 vowel preceding
rathe akyese rabhasya (KS TB ${ }^{\text {ºsu }}{ }^{2} \mathrm{~m}^{\circ}$, so AV comm, and so Ppp intends, Barret, JAOS 30 204) väje AV KS TB rathesv aksesu ursabharäjüh VıDh
§360. There are no other forms with and without $v$ that are precisely identical in meaning But we find a considerable number of other cases of presence or absence of imitial $v$ before a vowel, in many of which the preceding word ends $\boldsymbol{u}$ a vowel, so that we may suspect influence of the tendency to avoid hatus, even tho lexical conaderations always play their part, and even tho the form with hintus 18 sometimes secondary, reversing the direction of the process
te arpantu te vargantiz LS le varsantz le vargajantz AV Roots ary 'rush' and vary 'rain' One a inchned to allspect assimilation to the following vars-in AV
 in the verse Von Schroader says on liSA, 'wohl fehlerhalt fur ruite' Perhaps assimiluted to the followner trindh
salmalir voddhyā (KSA fdihyã) VS TS KSA SB Synonyms agne vajajud vijam tvā VS SB TB Yalt ApS àjım toägne Synonyinsance earlieat tumes Note preceding vowel before väja ${ }^{\circ}$ varenyakratīr (AV ${ }^{\circ}$ tur, ApS idenya ${ }^{\circ}$ ) aham RVKh AV ApS virenyah kratur mulrah subastih RV
hrtsu kratum taruno (MS ${ }^{\circ} \mathrm{num}$ ) whsv (RV apsn, MS dikiv) agmim $R V$ VS $\dagger$ TS $\dagger \mathrm{MS} \mathrm{KS}$ SB $\dagger$ For the RV original 18 substituted unkpu after precedung vowel, with quast-'Haatustalger' $v$ and other phonetic changes (cf especially §153a) On MS see 8869 (a further, graphec change)
lad ayuh (ApS vāyuh) MS İS ApS 'That is life (wind, breath)'. asum (AY' TS vasum) gharmam divam (VS suar) ì tusthatāiuu (AV rohatiriu) AV VS TS MS KS SB asu 'life' vasu 'weal' (with ungrammitical in), preceded by vowel, asu is onginal, as shown by RV $101412,1: 1$ (cf 10159,10 )
deva gäturtdu gātum vittuā (VSK gafum rtvā) gātum ıts AV VS VSK TS MS KS SB TB Cf pälum unttva gatum 2 hl MS ApS, devā gatundo (MS adds gatum unttud) patum yajridya unndata TB ApS MS 'Findong' and 'going upon' the way are much the same thing, but the former is obviously original, VSK assumilates to the following ita
tve $\imath$ sah (KS nove, MS tva esah) samdadhur bhūravarpasah (TS $\dagger$ bhilrretasah) RV VS TS MS KS SB On MS see §694 KS clearly secondary, with quasi-epenthetic $v$ bet ween vowels
dhzsane vidū (VS VSK vīdv̄̄, KS vīte, MS MS idzle) satī (MS KS MS omit) vidayethäm (MS MS idetham) VS VSK TS MS KS SB ApS MS See §169
tigmam anikum vidtam sahasval AV tugmam àyudham vidtam (KS 'dham idtam) sahurvat TS MS KS 'Implored' of KS is secondary to 'strong', AV te still farther afield, see $\S 169$
yo antaro mitramaho vanuryat (KS anu') RV KS ApS 'Who fights against us' KS scems to feel a form from anu + as, as in Enghah alang, 'who is after us' Reverse of 'Hiatustilger' KapS ranusyd
namo vüdhryāyı (MS vĩdhrıyāya, pp vidhryīyı, TS nama idhrıydya) calapyāya ca VS TS MS KS Both formas are obscure, TS probably secondary See Keith'e note
ísāna ımā bhusanānı vìyase ( SV iyaue) RV SV Note absence of sandhi (complete hiatus) in SV, reverse of 'Hiatuastiger' with a vengeance!
mahiva dyaur aulha (AV varha) tmuns RV AV vadhaimánd (sic) not divided in $P p$, and regarded by Whitney as a mere corruption, he translates the RV Still, the AV may be rendered 'slay (our assulant, 0 Soma) by thyself'
ahar (MS vahad) diväbher (MS divyübhr) ütıbih VS MS SB TA SS LS ahar, adverb 'by day' One ms of MS with pp vahad ( $d$ or $d$ for $r, 8 \$ 272,272 \mathrm{a}$ ), preceded by a vowel, so that, it is a case of 'Histuatılger'
 'of the folk who have prepared the barhts)', Bloomfield, J. $A O S$ 35275 The AV uses it in a patchwork hymn dealing with a wholly different situation, the imitial $a$-muat be taken as privative, 'who have nut defended themselves' (vij = pari-vfj as in Clasacal Skt) Cf Whitney ad loc The retention of the perfect pple form ahows the badness of the AV
mahi no väld tha väntu bhūmau AV miham na vato on ha valı bhüma RV Reverse of 'Hiatustilger'
 AV HG ApMB Others, \$46
ramayala (KS ${ }^{\circ}$ tā) marutah syenam àyınam (MS marutah prelam vājınam) TS KB ApS MS
$m e$ tud ke an nz (AV ad ter) yemur unm (SV an nz yetmur in, TA can nyemur in) na pioinah RV SV AV VS TA vim, acc of $n$, secondarily reduced to the particle in (2d) vídirir yāmann ayardhayan VS undvir yāman vaıardhayan TB (Conc) But Poona ed of T'B has corrcetly yámann avar ${ }^{\circ}$
$\$ 361$ In two cages of this kind the secondary form with initial $v$ (after a vowel, 'Histustalger') ie felt ue contaning the preposition ava pro arala (TB 'vãrata) marulo durmadí zva RV T'B 'Rush along, Maruts, like rnadmen' Comm on TB aväratı dhavala
 rро) yajasers VS VSK TS MS KS SB ava-yaj 'remove by tacrifice' with object aso, is pecularly inept
$\$ 362$ A couple of other pecular cases seem also to helong in the category, altho the $v$, when found, te uot imitial in ite word agnenendrena sumpna upa te huve anväham (KSA huve 'sē cham) TS KSA 'I simmon for thep, $O$ offering' 'J, so and so (asau ' $\mathrm{N} N$ '), summon for thee' If, us we are inchned to assume, KSA 18 onimial, the TS readine uses $v$ as a sort of 'Huatustulger', yielding a different lexical reanlt The same with brähmanain tonjo ilficin - lispena pakvam , devän sendrän
añkñ̄kam (MS añkn̄vañkan, so dinded in pp, KS añkañkam) chundah VS TS MS KS ŚB Nothing is known of the original form or meaning of the word (sadd by conima to mean 'water'), note the cumous KS variant, with short a It may be that. MS has a kind of 'Hiatustilger' with ita $u$

## $u$ initial before a consonant.

§363 So far initial ib before a vowel In a few caypa the aame $v$ appears or duappears before an initisl conmonant
 resi̊u (вc te siukru śukram ädhunumu) TS An epthet of water, of unknown etymology and meaning, ${ }^{-}$presumably unonginal aģne yajavina (AV vyacrbun) todanii urūrī RV AV MS See $\S_{\S i} 7$
 RV MS TA The MS is hardly interpretahle
yanya (ApMB vy anya) yonim pratz reto orhdian (SG pulereto orbhiya)
SG ApMB HG Cf §354 wy asya 'open' must be intended, yasya makes no sense

## $\nu$ nut initial

§364 Coining to non-mmital $v$, present or absent, we shall find that atrictly phonetic influences are mure indeterminate, tho even here we believe that they are nut alosent We shall, however, begin with several groups of cases which concern lexical interchanges between familar forme both well patablighed in the language In theni probably the phonetic moment is evanescent Thus, first, the prefixes sua- and sa- vary Comment is hardly necessury, except that both vary equally easily with su-, see ssis612 and 741
 süro no sodyugtabhih (SV saty ${ }^{\circ}$ ) RV SV
 HV (anapest after cesura)
 mahe ramaina A ! Aps
yajño bhütvă yajnam āsida sakiaya (MS̄ svakıaya) ph TB ApS MS
§385 There is, uf course, a much clearer clatange of meaning in the rather numeroue casea of shift between various furms of the pronouns in to and forme of the demoustrative stern ta- At the end of the hat we add, beculue of the phonetic sumilarity, a nugle case each of shaft between a $t$-form and the enclitic te (2d persun), and between kua and $k \bar{a}$ (bnth from the interrnuative stem)
tamu id arlihe havisy à yunuinam al IVV tuüm arbhanya hamsih samānam tSV ISS TB ApS Followed by
tam in mithe trnate nanyam tuat RV thim matoo trnate (TB Aps virrate nara) nünyum teat, sume toxt.

 KS
paramàri tzm (TB Apsi tuà) paràulam AV TR ApS
 Vait etal tãn pratemanvī̄no asmen L心
yū tān rätrim "pāemahe PG yān tvà rälry upāsmahe (TS upāsate, SMB rãtrı yaùmahe) AV TS SMB ye tvã rótry (MG rätrìm) upāiate KS MG
tvam gopàja MG tam gapaya ete, see Cons:
prajāyaz mrtyave tuat (TA tat) RV TA Here the stem tua- is not the 2d personal pronoun
tayānantam (MS twayagne) kämam (SS lokam) aham jayānt (MS ${ }^{\circ} \mathrm{mi}$ ) AS $\dagger$ SS ApS MS ApMB
layd (ApMB twayd) prattam soadhayd madansu (ApMB ${ }^{\circ} t, v l^{\circ} t u$ ) ApMB HG
layăham (MS tvayd ${ }^{\circ}$ ) sūntyā sārtım karomı MS TA ṻbhıh säntıbhih samaygumy aham AV
tvay $($ TAA 1019 tayä) hutena pāpena TA TAA $\dagger$ MabănU
yajuryıhtanı aämabhır äklakhambed (MS rktakham ea) MS TA The worde are bad enough in either case MS pp rkta-khaim, tia, making tei an independent enchtic, rktakhum is not in any lexicon But äklahham is little better TA comim äktāny ajpyāyzūnz khīnindruyany avayavà yasya pravargyasya su 'yam āktakhas vídruam, sämugànena hi pravargya opy(yztt; bhavat? (')-Boehtlingk, p w 2 293, 'deasen Buchse geachmiert itt'
puras tuă (ŚS purastät) sarve kurmahe AB SS Here -kīt is an adverbıal ending, not a pronoun The eense requires object thi Simplification of three consonants to two ( $\$ \$ 419 \mathrm{ff}$ ) in the secondary SS yat tuemahe (SMB te make) pratz tan no (Kiauśs pratı nas taj) jцsusua RV TS MS Liauś SMB PG ApMB All mes and comm of SMB agree, but it can only be a (phonetic') blunder for the other readıng Commı, unbehevably te teäm (1) yut phalam mahe (') tan no 'smabhymin juyasru prayachety arthah
kva (SV kū) pratruī va ühutzh RV SV'
\$366 Further, $v$ is occasionally found in formative elements, varying with other forins without $v$ Thus in nasal present stems of werbe, of VVIp 121
deva toastar vasu rama (TS ranta, liS razin, MS rane) V's TS MS IiS SB (la MS rane 15 н nolun)
 TS KS
manar (MS manew) nu babhrūnam aham RV VS MS KS SB N Sep VV I pp 76, 121
With these may be grouped the following, tho luere the two verbs are lexically unrelated jananta (SV junvarta) usaro bhayum RV SV
\$367 Larger 16 the list of variations between gerund formes in suffixal toxi (tui) and other forms lacking $v$, but they are mostly under suapicion of corruption
asya ptul (SV pitvã) suarundah RV SV Lect fac in SV for püd, loc sing of pitz, 'in the dnating of $1 t$ '
yenendro havid $k \pi t i v$ (ApMB $k r t i \overline{)}$ RV ApMB The ApMB form ( $\mathbf{r}$ I kplui) may be interpreted as nom ag of $\mathrm{kr} / \imath \mathrm{n}$, but ls doubtless corrupt It is a case of amplification of three consonants to two ( 58419 ff ), the next word begins with an, and the actual reading 19 $k f t(v) y-a-$
datto asmabhyam (KS datteāyāoma ${ }^{\circ}$, AS dathōydsma ${ }^{\circ}$, corrupt for dattra ${ }^{3}$, SMB datlēsma ${ }^{\circ}$ ) dravnneha bhadram AV KS AS SMB dadhatha no drannam yar ca bhadram MS 'Give ye (giving) to us nches, prouperity '
hotd ustīmena (Śs vistui me) garılar AV 20135 5, AS $\dagger 8.324$, SS Valt This pāda ie omitted in the Berlin ed of AV and therefore un Conc Most $S S$ mes visin, per contra, v 1 of AV vialui It is very obscure in any case
dakasyantàmptāya (ApMB ${ }^{\circ}$ 'erimptioya) kam RV ApMB The ApMB form is doubtless felt sa a gerund, in sense equal to RV's pple, but may farly be called corrupt, of Winternitz, p xx
$y u k t ⿲ \bar{d}$ ( $Г$ B Conc yuhtī, Poona ed tevt and comm correctly yuktvā)

 pürty (t-) RV AV IB ApMB MG The last aeems clearly corrupt
 teoded, see [adex of Words) HG indrapaisena sitod PG The true reading $1 \mu$ sitvá.
§368 A few stray casea concerning noun infexion or defferent noun suffixes
madhun (SV madho) rasam sadhamade RV SV These alternative forma of gen sing of madhu occur frequently in the pairs madheah madhch, sec Conc p b8is
ed $u$ madhoo ( $S V$ PB innihur) madinlaram RV AV SI PB AS SS varo vasuoh purusprhath. KV tasor vasil puru.jpthah SV
asammrsto jāyase mätroh (TB mätronh) surch RV TB With mutronh, guaranteed by all mas and Vadikus, of perhaps pitriya, and note that nuitroh in RV is trisyllabic
 guh, with different suffixes
gamblitaih puthbhich pūrtyach (AV mēry AV is clearly secondary, and conlamy a phonetic amplification Cf next
prehr-prehz pathibhih pürvyebhih (AV pūryānaıh) RV AV MS AS AG Cf prec aprajasidam pautramrtyum ApMB HG aprajdstvam martavatsam AV Others, 8650 Suffixes ta and tva
\$369 Of the lexical variatione which remain, special phonetic interest attaches to this, on which of Wackernagel I §232c.
saumyå trayah sentımgāh (KSA sı${ }^{\circ}$ ) TS KSA
With sert- and frt-, aynnnyms, is to be compared also the synonymons cth, see § 195
citra (VS buntra) ädıtyñrām VS MS
cetro (AV suntro) rakgıtá AV MS
8970 After two consonante-as in a few stray cases already mentioned under other heads, especislly in $\$ 367$-we find cases which belong with $\$ 8419 \mathrm{ff}$ below
sisile srige takpase (AV raksobhyo) vi nihic (KS nakise, AV mas neksve), RV AV TS MS IKS The Berlin ed and Whitney'e translation adopt the RV reading for AV, despite the absurd statpment of the comm that the ruperfluous $v$ is chirindasa See Whitney's note, which pointa out that mminsia occurs in the next verse
 $\$ 255$
skargám (TB suvarº) apsiàm (TB Poons ed, twice, †apsuām, in text and comm) urjanarya goprim RV VS MS TB apsevm is unanterpretable
 RV VS TS MS KSA The text of MS is based on $p p$, the samh mas are all corrupt but have $v$ in place of dh (tuagnir vicnurddhamagandhir) It geems that un in these mas is a graphic corruption for dhea, which should probably be read in MS as in the other textes
§371 After or before angle consonants, a miscellanenus proup spo devin suadantu (VSK sad ${ }^{\text {² }}$ ) svättam cat nad devahath VS VSK SB svättam sad thavir upo devin sundantu MS suittam cit sadelam haryam ripo devih sexidatanam TS ApS The reading of VSK is poor (cf suättam) Cf next
 Here suad does not belong, the reverse of the prec aparıhuthīh (MS $\left.{ }^{\circ} h r t a ̄ h\right)$ sanuyāma vājam RV MS KS Intended for eynonyma, MS slovenly, and suggesting phonetic corruption tundyumnain vibhuāsaham (SV vibhäa) RV SV vibhá 'glory' and nbhua
(for ${ }^{\circ} v a n$ ) 'excellent' Grassmann calla SV's reading false, which to rather harah since it makes good sense, 'winmug glory'
apam rasam udvayasam (lis udnyansam, TA udayarisan) VS TS MS KS SB TB TA The onginal has an adjective 'etrength-arousing', KS and 'TA a verb form, which in TA ta 3 plur aor of ud-yam KS may intend the asme with udayansam followed by 8 , but in VV 1 p 214 we have allowed it to pass as lat peraon sing

 Conc suye, 'reyd visuntu' for both In the Poona ed (Cipanisadam Samurcayah, An Skt Ser, 1895 ), the MU pararge (p 406) reada insantu in text and comm, but the Prānăg U (p 307), vzsvan tu in both Certamly visaniu must be read
anmite asi dive TS hS JB PB Vait antier asi GB The Conc calls the latter a 'blunder', yet, curioualy, Gayptri aleo has anter

 and suapicious
salyaujiLsia dinhanī (MS durhma, KS $\dagger$ drhaniā) yam nudethe TS MS KS sacetusuu druhvano yau nudethe AV See $\$ 305$
 SV See VV I $p$ 218
anu daha sahamūrān kravyādah (SV kayjidah) RV SV wahamūrain anu daha kravyädah AV See §355
 KSA The VS reading li apparently a blunder, comm reads bahyum, whach mast be rught, as the contrasting anturam in the precedine formula shows
§371a Onc anomalous case involving falee a ord-division uror iè no deva rę̧as prihe TS MS kS 7'B pururīno demarte VS SiB Lí The fornice (iriginal) means 'Protect us, 0 ) pod, from wide hostility' The Viaj reading is only an ancredt phonefic corruption Eggeling, 'ficrecly hovilug (demnal)', wheh probably comes close to what was felt as the meaning, but Mahidhara derives ravan fromi rā 'give'

## i Presence or aheence of :

§372 Bepinming with IF. times, and conumung into the life of the individual languages of the famuly, combinatione of $4+$ elup (also $s+$ nasal) vary with the consnamt alone minus the : Hindu speech
not only reproduces some of these doublets, but out of its own impulses (analogy and phonetic combunatinns) extends the process (roota apas $p a k, k r s k r$, etc ) See Wackernagel I $£ 230$ in heu of the almost endless bibliography of the subject The variant combinations are always mitial, and the evanescence of the 8 is perhapa connected with old conditions of senteace euphony (external sandhi)
§373 Thus easy opportunty is offered for vanous readings in thas respect Moreover genuinely different roots exist which are sufficiently aynonymous for purposes of exchange However, the entirc phenomenon operatea amnag the vansnts to a very lunited extent There are also a few casea, all lexical on far as not suspicious, in which mitial a before a vowel varies with a furm without a, a sort of palusie comparable to presence or absence of $h$, below In addition a very few miscellaneous cases medially
§374 Beginning with the cases of initial a before consonants (those which occur are $k$, $t$, and $p$ ), we present first the few atrictly phonetic cases, in which we are certainly or probably dealing with alternative forme of the eame word
á prathamah samktler vzívakarmā TS TB ApS sī (MS MŚ yӣ) prahhamā samukplır visuavīrá (MS yajrie usmin) VS MS SB (Pratika, MS) The rout her regularly appears as skr with sam, so that the Tait formu is urregular
ut te stabhnime (TA tabhnomi) prthenime tvat pari RV AV TA Cf Whitney §233c In TA this law operates in spite of timesu, thes ie not without parallel
legūn (TS TB ApS stegāru) danglrūbhyān VS TS MS KSA TB ApS No doubt the same word is meant in all, but ite etymology and meaning are uncertan KV has stegu Perbaps the ront $t_{2 j}$ (originally stij) is concerned It may be aigaificant that in VS MS KSA the word is preceded by one ending in $s$, while in TS it is initial in itasection As auggested in è372, than is probably the way in which this whole class of variants origwated
tari mandraisu prayaksu AV stani mandras suprayaksuh KS za im (TS i) mandrà ४upraynsah (TS mandráou pruyasak, MS mandri suprajasin stariman) VS TS MS Probably ull the forms may be corrupt, at least they are all difficult But note stariman in MS ( tarīAV)
§376 The rest are lexical, that is different words are concerned, and they are alao accumpaned by other changes in aounds divah samspistas (MS samprcas) pühi VS MS SB And
prthevadh samprcas (TS TB ApS ${ }^{\circ} \mathrm{ca}$, VS SB samaprsas) pühz VS TS MS SB TB ApŜ MŜ sam-prc and sam-sprs, practically synonyms See $₹ 195$
divam agrenänptkgah †VSK, wrongly quoted in Conc as ${ }^{\circ}$ ifptksah divam agrenäsprksat (TB ${ }^{\text {a }}$ apral) VB TB And others
nsudi sprdho (AV mrdhu) abhimitar jayema RV AV TA,
añjanena earpışã sam onsuntu (AV spftardim, Ppp [Roth] váanta, TA $m f$ \&aneīm) RV AV TA
yatrösprksal tanvo yac ca vā̀nsah (. ApMB tanuvam yatra vasah) AV ApMB yatrū vikinas tanuvar yatra vạagah HG
sa bhümım eršuato (ArS sarvatn, VS a arvata) vetuí (VS spriva) RV ArS AV VS TA See $\xi^{2(1)}$
tutho 's janathīyith (PB ${ }^{\circ}$ ynah) MS KS PH MS LS stuto 'sı janadhäh TB ApS Ser 883
 (Kaus lavīā) brhantah VS TS MS ISS SB Kaug Sce sis96, 747
§376 Inttually before vowcle, we find a pair of cases of toterchange hetwern su conjunctive anda arivative (antonyme), the rest as sporadic mjoij (SV saj") uriabham pution RV AV SV ujysia 'unersatilich, gieng' sactasĩu (VSKi esio) arepasau IS VSK SB suctasau saretasau TB And others, see $\$ \mathbf{\$ 1 8 0}$
 RV TS ISS VaradapL The comm ie haril put to it to explain aik, he takes it for sa with Vedic lengihening It is in fact inexplicable

 The form valuda of TS , for regular ahda, is wholly obscure, doubtless due to some analogy
 TB Sec $\$ 110$
$\$ 377$ The very few cabes of evanezcent medulal are entrely aporadic, except. a few cazey of precanve and wither optative formy (aв bhüyäma bhüyärma), which are found in VVI $\$ 175$ and are not repeated here agmer no vanate (VSK vanule, SV TS KS vansate) rayzm RV SV VSK

TS MS KS Prevent and $s$-aonst
lasya te bhaktıã̀nsah syäma (MS KS ºūno bhïyãàma) AV MS KS
 bhüyāsma) MS KS TB ApS (both) Suffixes varte and man

## 6 Presence or absence of visarga

8378 This change, of course, can occur only at the ends of words or parts of a compound word (or before pada endings), and in fact it is most commonly found at the ends of pādas Included are some cazes where the actual reading of the text does not show viange, owing to conditions of sandh Altho the modern Indian pronunciation makes this sound regularly an aspiration followed by a vowel, which takes the coloring of the preceding vowel (Wackernagel I §22.5b), there seems reason to beheve that its pronunciation in ancient times was much fanter, and certanly it was never followed by a vowel The varianta support this theory by showing not a few cases in which visarga 19 evanescent In the majority of cases both forma are morphologically expheable, involving different forms of noun or verb inflexion or the like, some must be considered mere corruptions
§379 In VY I §25 we have already presented a group of cases in which verb forms with final $h$ vary with corresponding forms without $h$. a farrly frequent phenomenon
pra-pra yajñapatım tıra (TA tirah, Poons ed tera) At IS TS MS ISS TA AS SS ApS
süryarya tapue tape (MS MS tapah) MS TA ApS MS m dürastavase vaha (SS vahah, em, mэs mahuh) AV SS meyudlhzr (AV nyugbher) vīyav (AV VSK MS väya) tha tio vı muñca (SS †muñcah) AV V'S VSk MS ŚB TA AS̄ SS Apsís Add to W1 1 §25
entorasmät (TA dive $n^{\circ}$ ) sīm aghāyata uruslja (TA ${ }^{\circ} y a h$ ) RV TA
tùv ımù upa sarpatah SV JB emãm anu sarputa MS
agive enttāl dhariso yrul yajima (TB ${ }^{\circ}$ mah ) RV TB
asinnǜ bhivajāvatah (MS ${ }^{\circ}$ tam, TB $\dagger^{\circ}$ la, both edd) VS MS TB
anyauratasya (TA anyad ura ${ }^{3}$ ) sascoma (TA mah, HV susirire) RV VS MS ŚB TA (corrupt)
pratı bhägam tad didhima (SV amah) RV AV SV VS N
virulüh smah (ŚCi smu bhoh) SG PG
abhradah smah (YDb sina ha) ViDh YDlı BrhPDh Here, in late texty, we find what may be a trace of the modern pronunciation (smah sma-hu)
lasmen vayam upahuutās tava smah (MS sma) TB MS tau daha (YS SB tā ubhau) caturah prasārayñvahaı (SB àyî̀a, MS ${ }^{\circ} y(\bar{u} v a h)$ VS TS MS KSA SB ApS
nitudh panvathah (TB ${ }^{\text {ºtha) suasarasya dheruih RV MS TB (comm }}$
${ }^{\circ}$ that in Bibl Ind ed, but Poona ed ${ }^{\top}$ tha) This is probubly only
a case of sandhi before s + conaonant, of $\$ 978 \mathrm{ff}$
ata ū pu madhu madhunäbhz yodhi TS . adah su madhu madhunabhi yodhih RV SV AV AA MS See VV I p 101
agne (MS agmer) devesu pra vorah (MS voca) RV SV MS TA Add to IV I $\S 525,156$
sam agnzs tapasüguta VS MS SB (preeeded by suchi, probably felt as part of the formula tho in MS edition separated by a mark of punctuation) suähā zam agnis tapasà gata ("gatah, Poons ed gata) TA* As pple gatah is defenable See VV I p 161
varebher varān abhi cu prasīdatah (ApMB pra sidata) RV ApMB A participle (gen aing, Grasemunn, ree pl, Oldenberg) is made into a $2 d$ plur in $A_{\mid}$MB
tha rama (HG †ramah) MS AB AS ApS HG Here ramah is a noun form
\$380 In uoun inflection the variation oceurg between nomunative and vocative case-forme
punar ägih punarama (AV' ${ }^{\text {nava and }}{ }^{\circ}$ navah) RV AV (bis)
necerur asi nicumpunah (TS TA necañkuna, MS KS nizuñkunah) VS T's MS KS śb T'R LS Voeative in TS TB by agarmalation to an adjoining formula, see $\$ 1.50$
 varisu (MG vanish) AV AG ApMB HC MG Kaus Here the nom is secondary
agne ghetenähutu (KS 'tah) AV VS TS MS KS ApS
yajnăh prat! u sthät (KS pratyasthäl, v 1 praty $u^{\circ}$, MS adds sumatau matinami KS MS yajn̄a prathistha sumatau susieväh TB ApS indrah (indra) somasya pitaye (alco 'ye visàyate) RV (all three) ındra (MS indrah) stmıena pañcudasena madhyam (İS © dasenaujah) TS MS KS AS
paramajyí ccisamah (SV $\dagger^{\circ} \mathrm{ma}$ ) RV SV AV


pulvaminah (SV ${ }^{\circ} n a$ ) samtamım ejz krnvan RV SV
tuastā devaih sahamdna undrah MG tuaitar devebhrs sahasima indra ApMB
yo agnih kravyauähanah (VS KS kavgaí) RV YS KS AŚ yadagne kavyamionana TS See §353
heranyapakivth ṡahunth HG heranyaparna inkune PG heranyavarnah sakunah MU
 as doubtleas corrupt, a voc as required
indra kraded (MS indrah krlud) maruto yad vasama RV MS KS See $\$ 684$
ayd somah (SV soma) sukplyayn RV SV See VV I §328
a tiptha metravardhana (KS TB $\dagger$ ApS $\dagger^{\circ} n a h$ ) AV KS TB ApS
©prno 'se samprnah (ApS aprnusi samprra) SS ApS The latter ${ }_{18}$ secondary and poor
indra karmasu no 'vata VS KS indrah karmasu no 'untu TB (but read indra 'vata, see VV I p 260)
indru (MS indrah) srutasya mahato mahāni RV MS The nom is bardly construable
indrah (SV PB indra) sule३и somesu RV SV PB AS SS
indra (MS indrah) quadhim anu h2 nobabhütha RV MS KS
kamenn kitah (RV and ppof MS kta) trava rchaminah RV MS TB
tifth ratham (TB rathe) adhi tam (VS SB yam, TB yad) vajrahasta (TB itah) RV VS SB TB
dhanaxomin manthina indra (MS indrah) sukral TS KS MS The nom us not construable, see Knauer's note
muira satydudm pate ( $\mathbf{S S}$ zatyāndm adhupate) TB SŚ mıtrah satyūnā̀m (VS SB salyah) VS TS MS KS SB PG
 PG $\dagger{ }^{\circ}$ syak) KS TB ApS PG HG
vrihīnam medha (MS methuh) sumnanasyamārıah TB AןS MS
suddho manaaddhisomyah (SV somya) RV SV
sqjopa indra (TB indrah) saguno maruduhih RV VS TS MS TA MahãnU AS
\&381 In masellaneous other forms of nouns and adjectives, cornmonly with change of construction which can be more or less justified, sometimes involving different. but related atems pebñt somam amadann (AV somam mamadar), enam is(ayah (AV iste) AV AS SS See VV I p 88, loc sing of ista nom pl of wịt ghtlavalt savitar (MS IKS ${ }^{\circ}$ tur) didhipatye (TS ${ }^{\circ}$ yaih) TS MS KS AS Lnc ang instr pl Cf
avyo ( SV avyd) wire ( SV * väraıh) parı priyah (and prıyam) RV SV As prec
candreta jyoter amptam dadhdnah (KS TB comm and Poona ed ${ }^{\circ} n \mathrm{a}$ ) VS KS TB sukram nal jyoler amptam dadhand MS (but pp ${ }^{\circ}$ nah ) The plural agrecs with asurnd and saraswiti together as subject, the fem sing with the nearest subject, sarasuatiz alune dhanamjayain dharunam dhärayisnu RVKh bhümidriham acyulam parayzsru AV bhümidrnho 'cyulas cyāvayımuh AV Change of
gender, neuter to masculne, the latter certannly secondary, see $\$ 268$
sa unsudir (KS ${ }^{\circ} \mathrm{ci}$ ) abhz caste ghytich (KS ${ }^{\circ} \mathrm{ci}$ ) RV VS TS MS KS
SB Change of acc pl to dual, explained in $\$ 357$ But the actual reading is $g h_{7} t d i$ ir (before mitial vowel following)
tari mandrdsu prayaksu AV (taken by Whitney as loc plur) stani mardrua suprayakyuh KS (apparently felt us nom ang) And others, all formis dubious and likely to be corrupt, see $\S 374$
 SB SS $A_{1} S$ (bis) In TS the old nom fem of the vikis type khajāpo 'jopakāszrith ApMB bajäbojupakizizni HG Both words unintellagible, §ü Perhape $h$ in ApMB ending of vrkis type anahanasyam vaxanam carigru (ApMB HG ja³, PG jarımuh) SG PG ApMB HG See $§ 57$ The noin masc transfers the epithet, whose meaning ta not very clear, from the garment to the person who ts the subject.
 §584
aghadusstī devajätui AV Kaus athurvifustã devajūtah ApS In AV nom siug fent In ApS, which ts otherwise corrupt, the uctual text haa jū̃ta followed by a sonant, and Caland underatands a ang, but the verb 18 plural, and the Conc gives what seems intended us the reading of the text (nom plur)
 sthana (KS stha, AV bhūtuí) RV AV VS TS MS KS Sing in AV, flur in the others
 VS JB PB SS Vat visuihis certandy wrong
vïruc chapathayopan! AV vidu rhapathajambhanīh ApS (corrupt, Calsuil alouts the AV readiug) See $\$ 272$
uta vän usaro budh RV GB Conc budheh for CB, and yo all mas apparently read, hut Gasstra emends to buthz (loc sing 'at the awakening of dawn')
aräddhyā edıdheşuhpatıın VS ärūdhyat (read with Poons ed ur ${ }^{\text {a }}$ ) $\dagger$ didhisupatim TB The VS formi is anomalous, as a fem word the stem can only end in $u$, and the nom form in coniposition is absurd
aviLsyuvälī brhatī (TS ${ }^{\circ}$ tī) na (TS nu, AS lu) sakuarī (TS ${ }^{\circ}$ rīh) TS MS KS AS Swg plural
เmam yajnam avarilu no ghticth (MS KS AS avatu ya [AS nol phrtact) TS MS KS AS Sing plural
parafur (TS pariur) vedih parasur nah suasti (TS ${ }^{3} t h h$ ) AV TS suastı is famular as both fem and neut
erphrtoch (AV ${ }^{\circ}$ ed) prthulm anu RV AV VS AB TB SMB Fem pl neut pl (in dufferent contexts)
sam räri (VS. rätrih, VSK TA ratrih) prat̀ dhlyaldm AV VS VSK TA MS All noms ag
 Fem aing plur
 KS SB Sing plur
unto (SV defo) ensica anu prabhuh (TB prabhu) RV SV MS TB Agol is meant, and a norn or voc masc is requred, prabhu, repeated in the comm, is apparently understood as an adverb, but is probably only a phunetic errur
sambitam ksatram (MS KS TA add me) jzrnu (AV ksatram ajaram avtu jıgnuh) AV VS TS MS KS SB TA The AV form would be masc, which cannot be construed, Whitney accordingly adopts jųnu
valso jaräyu (KS garbho jarßịuh) pratzdluık pīyūgah AV TS MS KS The regularly neuter word is here masc in KS, perhaps attracted to the gender of the preceding mase
sa nah prthu (TB prthuh) sraviyyam RV SV SB TB Transirrence of the eputhet with change of gender from neut to masc
sisam ca metrapu (TS ${ }^{3} \mu u{ }^{\circ}$ ) ca me VS VSK TS MS KS Therare stem trapun, for the regular trapu
sapatnit †ubhebhǜari (Ap.MB "rihh) RV ApMB Only a nom sing fenn can be constrined See Winternitz, Introd, xont
sarasvati (AV TB $\dagger^{\circ} t^{\circ} h_{1}$ ) smapnasah sadantu (AV sadantame) RV AV VS MS KS TB N Whtney calle the ${ }^{\circ}$ tih form a blunder and emends This is perhaps going ton far, but of course it is a nom sing like the uther


 Siras?)
adunddhri ınthurenā cud astrá (MS astāh) RV MS KS The MS 18 doubtless corrupt
 árayasua) TS MS TB See $\$ 400$
upahütīh sapta hoträl: TS TB SS upahūtā saptahotrá SB Sing plur
agne tvam puripyah VS KS SB agneh puripyam as VS VSK TS MS KS SB TB ApS MS Voc gen
heranyayah (MS ${ }^{\circ}$ yí) sucayo dharapulth RV MS The only grammatically construable form is ${ }^{\circ} y \bar{a} h$, MS seeme corrnpt
so 'ham vdjam saneyam agne (KS sanämy †apneh) VS TS MS KS Voc gen
sapratha (MS ${ }^{\circ}$ thuh) sabhäm me gopnya (MS pahz, and 'jugupah) TB ApS MS Both roc, stemis in a and $a s$
ımà brahma brahmauaihah (TS $\dagger^{\dagger} h a$ ) RV AV KS TB As prec
suäha tvī subhave (VSK TS ApS ${ }^{\circ}$ vah, KS subho) süryäya VS VSK TS MS KS KB SB ApS Vocatives, $s$ and $a$-stems On KS вее 8749
dätunn cee chıkvän sa svarga rva AV dätum cec chaknuvīnsah (Poons ed ctaknavin sa) suaryn esam TA See 8826
dyumand mbhätz bharatcthyah such (VS suct, comm such) RV SV VS TS MS KS suce might pars as an adverb
düruă rohatu puspmí (RV ruhantu puspenih) IV AV Sing plur trıpadā yā ca sutpalā̃ (VS yais cu vutpadāh) VS TS MS KSA Song plur
 form can only te nom sulue fem, HG is impossible
 Probably the only correct reading ın ${ }^{2} v y \bar{a}$ (see von Schrneder's note)
§382 In adverbal forms
athü (AV adhah, comnı adha, hut Pppadhah) sapatnī yā mama RV

stuvanty ( PB ' $t \mathrm{t}$ ) aipo adhu ( PB 'dhah) kamantīh RV PB
parià svapramukhïh jucuh AV parah svapna mukhä krthr ISS See $\$ 820$ The variaton -mukhih (hahuirihu) mukhis belonge to the preceding section
§383 Iuvolving different divieione of anods
 ıdam aham rakso 'bhz (MS *raksolkh) sam ühàmı (TS sam lahomz) TS MS (both) Iis MS As the Conc suggeste, rahinthich must be a corruption
gırä ca (AV vrijuah) Sruịth sabharä uaun nah RV AV VS TS MS KS SB Ser sin
sarizam yajãasumalan. (Mahānt: yajiah san) TS KSA TA MalıānU See sidis
trgmäyulhaya bhuratí strutu nah (TB stmotana) RV TB N
dsann a (SV PB asan nah) pditann janayanla (KS iotu) deväh RV SV VS TS MS KS PB SB
prasu (HG sa) mrlyum (SMB pra sumartyam, MG prathamam artim) yuyotana (MG yuyotu rah) SMB ApMB HC MG
ürjam brbhral vasuvanth (vah sumanüh, vah suvanıh, vasumanah) see 5227
updıasah saparyaz $\mathrm{RV} \dagger$ иро $\pi и$ ва sap ${ }^{\circ} \mathrm{SV}$
kaint yah putrah sa im ā (TA Conc sā $2 m u \bar{h} h$, Poona ed ea $2 m \bar{u}$ ) cıketa RV AV TA $N$ imíh has no standing
ava (RV abhı, MS à uuh, VS SB vīca) nomam nayamarı (RV mfsāmasz, VS SB avanayãmi) RV AV VS TS MS KS SB The readung of MS 19 secondary but ample
indrah pdsena †siktve vah (HG pà̀ena vah torktvà) ApMB HG andrapailena situd PG See $\$ 819$
flaryarlena mäm uta (TA ita) TB TA plasya tv enam àmutah MS (corrupt, see §838)
adyd mamara »a hyah zam āna (MS Samhıđ̃, sahyah samānah) RV AV SV MS N sam ana, verb, samanah, adj
vīrenyah kratur indrah susastih RV cf varenyakralur ('itur, idenyakratür) aham, $\S 5.74$ Conc suggests vīrenyakratur, Oldenberg, Noten, goea further and suggesta varenya- (or ${ }^{\circ} y a h$ ) $k r a t u r$

 the persistence of the reading ${ }^{0} \bar{n} k u u_{i} h$ (to be sure, one ms of TA reada like Mabãn $U$ ), it seems to leave us with an imposable ending for the long compound
§384 Miscellaneous
purā̄ jatrubhya (TA ApMB jartrbhyn, MS cakrbhyā, p p vaktrbhyah) atrdah (MS ${ }^{\circ} d a$ ) RV AV SV MS PB TA KS ApMB See §57, atrdah apparently abl ang of a noun, MS corrupt., perhaps feels ätrda as inperative
apa (AV ava) sueta padä jahi AV AG SG PG ApMB HG apah svelapad $\delta$ guh MG (but most mss apa, so read, of §817)
apa (MG apah) prägat tama ā yyntır eť RV MG Here all mes of MG have the visurga, which is certannly near to nonsense
paritosa! tad arpitha ApS pari doyñd ud arpithah KS The true reading in both seems to be udarpitah, see §63
sugantuh karma kuranah karzsyan JB sugan twah karmah karanah karah karasyuh LS On the obviously corrupt LS see $\$ 739$
yharmam bucantuh (AŜ ${ }^{\circ} t a, S S{ }^{\circ}$ tam) prananesu (AS SS pranavesu) bnbhratah AB AS SS Cf VVIp 165
agháya bhüma harıvah parāder (MS ${ }^{\circ}$ daıh) RV AV TS MS paridar is an unfinitive, parñdath is a very poor reading, perhaps felt. stupidly as a second perano annst injunctive (addreased to Indra, despite the lat person verb bhumal); or else as an instr plur 'by betraval' tam ha jartar na pratyagrthnan AV AB GB JB SS Gaastra reads $n a h$ in GB (v 1 na), but the sense clearly requires na na sinaridata (HG tiniaridalah) ApMB HG Both hopelessly corrupt, Winteratz p xxvi auggente riarari datah udrnhatheih sarkarähtes trivestapi (MS tribhrsitibhzh) KS ApS MS samudram nah subhvan (AVPpp ms subhavas) tasthwansam AVPpp MS samudram nu subhuch sud alihwfayah RV samudram na subhuvas tasthuinnsam AV And others, \$8119, 789 nah, pronoun na, comparative particle
bhisajam na (MS nah) waiartalim VS MS TB na, comparative partucle

## 7 Preseuce or abecnce of $h$

§385 The small number of casee of this sort at the brginning of words shows something that resembles occasional pisitusis, or its reverse In the interior of words it is cven rarer, and entirely sporadic, partly a matter of corruptione, bul cf the startling sambuaire in the firgt variant under ${ }^{6} 387$
§386 Intually $h$ appears and disappeara before vowely and $y$, once $r$ The variation is almost wholly lexical, it occurio especially with partieles and light words, and sonictimes involvea different diviaions of words sa ugrah sa hi ( PG t) haryobabhüua TS PG This has most the appearance of a purely phonetic vanint, an otherwisp unknown $t$ (sand to mean 'and', the mes hre unamimous) seemis to be substituted for $h_{2}$, and inay be suspected of loinge only a phonetic variant for $h_{2}$


 AV VS ef tasmenn airpiti bhu ${ }^{3} i^{2}$ RV
raksur yєsiont (v l hy psīn.) tapa urrabhimam MŚ Andothers, epr $\S 340$
 MS KS SB
 mahi hy arya mĩdhuso yavyã TS
dheyo henvāno (MS dheya znvīno) dhya un no avyāt (RV avyāh) RV MS TS Rume worde antarikge puthibher iunamanah (GB hriyamanah, v 1 hiyamãah, but no $v 1$ iu Gaistra) RV GB See §35u

Uta no brahmann ausah (MS ${ }^{\text {man hansah) RV MS KS AB SB SS }}$ KS The secondary havrsah is unaccented in MS, perhaps felt as a verb form from root $h u$ 'and do thou sacnfice for us in the brahman'
tena samhanu krnmasi AV tena sann anugrhnase HG See $£ 47$ atho miltstho pnti TA hatī mēlà hotah putī SMB hato hatamétī krimithV The TA probably necondary rakyohümìvar.itarah ( $\mathrm{AV}^{*}$ athe amiva $a^{\circ}$ ) RV AV (both) VS TS MS KS ApS If the AV vanant 18 based on the other, which 18 not certain, it is clearly secondary
antrimukhuh HG älıhann unımıgah hautrimukhah PG Barbaric namea of demons, with vague suggestions of pupular ctymology (as if related to ārtru and a fem form of hantr)
atho ye kbullakã iva AV hatah krıminnam ksudrakah SMB atho ethürá atho kpudinh TA
 apsuviho mayobhün SV Sec $\$ 820$
vanışhor hrdayād (AV * udarād) adh RV AV (both) ApMB
§387 Medially thas phenumenon is even rarer, and iu general it has no partucular phodetic interest Only the first variant desericy special attention, in it all mea of Vait are repurted an agreeing on the remarkable form sanijegaire, which is certanly for 'hare and shows au unquestionable 'psilosig' between vowels which, just becausc it runs counter to all expectatione in Sanskrit, muat apparently be assurned to be a genume (dalectic) phonetic variant
 j2găre) Valt KS MS priacis conjagăhze ApS
 yáminah) MS za no rucain dhehy ahrniyaminah 'TA Read doubtless ahrniyaminah in MS, the absurd pp poids in this direction
marulbhyo yrhamedhihhyo (MS ${ }^{\text {d dhehhyo) baskihain (MS vas }}{ }^{\circ}$, ApS baiykün) The word ts wholly obscure
tujo janä (ArS jane) vanam suah AV ArS tuju yujo vanam (ŠS balam, emend) sahah AA SS The pasage is obscure, we gee little to chouse between stati and sahuh
pary agnam uhfyita (VSK $\dagger$ arsata or ahargata) RV VS VSK parime 'ymim aryuta AV (v 1 in AV ansata) Ppp (Bartet, JAOS 43 99) reads as in RV except aharyata, with one ms of VSK, Barret em ahrsata

## CHAPTER X CONSONANT GROUPS

§388 In this chapter we melude, first, variations between identical double conzonante (or aspirates with preceding non-appirates) and the same consonant alone, second, cazes of assimilation of one consonant t.o an adjoming congonant, or the reverae, and finally, aome cases of partial simplification of groupe of more than two consonanta, by the ormssion of one consonant (or the reverse)--1n eo far as the consonant onnt ted or inferted ia not. one of thuse whose character particularly lends itself to such treatment, that is, a nusal, eemi-vowel, hquid, sibilant, $h$, or visarga, all of which have been treated in Chapter IX

## 1 Donlble and single consonants

§389. The principal subject of thes eection is double and single consonante betwren vowels, that 18 , not inmediately preceded or followed by another consonant When aesoclated with other consonanta, the traditiou is ? confused that, a detaled record would hardly be profitable Thus, after other conanants, especially after nasala and $r$, consonants are very enmmonly aritten either eingle or double in the mss Editors have followed very different courses, somet imes they attempt, with more or lese consiatency, to regularize the diseordant epellings of their mes, sometimes they adil to the confuaion Cf on the whole subject Whitney, Grammar §\$228-2:12, Wackeruagel I \$98 The plain fact is that after or before other consonanta it was in practice virtually impossible to dietinguish brtween pronunciation of angle and double eonsonants, ad Wackernagel zayg l c It seems therefore frintleas to collect anch variants as the following Sunddhz (PG MG surilhz) stro mäsyāyuh pra mosih AG PG ApMB MG Many mss of ApMB read sundhr ט su (MS sū) varta (MS KS marta) maruln mpram arha RV MS KS The spellmg varlla (2d plural) la etymological, Muller printa varta in liss one-volume edition (1873) of RV
§390 Similarly before another consonant, a double cononant which would be required by etymology is very often written single (Whitney and Wackernagel II. ce) Very little value 19 or can be attached to the readinge of mas and edinona in auch cases Thus the word pallia
'wing', froin rout pat with suffix tra, inay le spelled pretru at any tume, as in
kyenusya patram (MS pattram) na ptihā sacibhih VS MS KS TB, where only MS has the etymological spelling So in
ukthapalra (MS ${ }^{\circ}$ rб, TS ${ }^{\circ}$ pattra) idyo grbhtah VS $\dagger$ TS MS KS $\dagger$ SB $\dagger$, the editor of '「S ulone printe "pattra, all others (contrary to tbe Conc) "patra, but most mas of TS actually read "palra The same arbitrary procedure 19 apphed to $T S$ in'
yena (yena) rқayas (yenarı') hapasa satram ('TS $\dagger$ saltram) disate (VS SB āyan) VS TS MS ISS SB,
where agan most mas of TS read satram, with the others, but againat the etymology (root sad) We have not burdened this bonk with a list of such cases
$\$ 391$ Equally a inatter of orthographic convention, and unworthy of prolonged conaderation, are auch variant. spellings as ocrur in the following verb forms
tã yà devā à ra añerā (VS and Poona ed of TB síssuã) ca gurasun
V'S TB The root is sise, the endiug sua
ıyam wih sā salyí yān indrena samadhadrhuam (MS ${ }^{\circ}$ dadhvam)
TS MS essi vas sā salyí yām indretia samadadhuam KS Reduplicated stem dhad or ind plus ending thvam
§392. Before dismssing this zubject, however, we shall record a number of variations where real lexical or morphological shifte occir, or at least may posenbly be felt as occurring, to be sure we shall fiad that some of them are mere corriuptinns or orthngraphic variants of the same sort as those just illustrated
arhunn idam dayase usivam ubhram (TA abbhunam, MS a dhanuā) RV MS TA The TA may quate posgibly have intended abhyam (on the epenthetic $u$ ef $\$ 790$ ) But if the comm is rigbt it would be a lexically different word, he analyzea it, as ab-bhutain 'produced from water (and the other fnur elements)' This is implausible as to senae, but formally possible:
ut tvā (SV PB Svidh u ttvā, two words) mandantu somäh RV AV SV PB SS Valt Rvidh Svidh The Conc prints ulvà as one word, implying behef that $u t$ tvie is intended This is probably right, since the interjection $u$ (of most doubtful authenticity even later) can hardly be assumed for $S V$, and the other : 18 enchtic, and could not etand firat
ya aitraally (SamhintopanisadB älrnoty) aututhena (VaDh anta ${ }^{\circ}$ ) kartiau SamhitopanisadB VāDh N atrnoty is an impossible foriu and must be an error
ayam yah puro inbhinatty (SV ${ }^{\circ}$ naty) ujard RV SV The form inbhinaty is not noted by Benfey in his Gloseary or the notes to his tranalation, and is doubtlege a ruere orthographic vanant if not a mispnit agner hotū velv ( SB velte) agrur ( SB AS agner) hotram welu prävitram SB TB AS SS So the Conc, T'B Puoha ed reads veltv and vettu In any case there is here probably a real lexncal vanation between roote vi 'enjoy' and und 'know' (SB comm jăraitu) Cf next, and the variations between the participles veta and entea, $\$ 398$ below
prutz tuädztyā̀ tuag vettu (TB Poona ed $\dagger$ vetu) VS TS MS KS SB TB pratz tuä diva (TB divah) skambhanar veltu (TB Poona ed $\dagger$ vetu) TS TB And others in the context The text of TB actually reads vetu-ity inha, doubtless vettu is intended
 KS SB TR AA TA N Sce VI Ipp 27, 129
yad ūrdhuay tisithü (KS tisthärl) dravinche dhattol RV MS KS AB TB N Here the KS form assimilates, perhaps, to the following dhattat, which bowever we orignally and properly $2 d$ person Cf VV I p 27
agnir däd (TS dä) dramnam vīrapesäh RV TS See VV I p 26
satväruăm ( KS †sallv ${ }^{\circ}$ ) patuye namah MS KS This is certannly not a real lexical vanant, for the gen plur of satuan would be satranam (cf §494), MS must intend gen plur of satten, hihe KS
brhaspataye matusa (TS mahz sad) dyuman namah AV TS The AV has a corruption (called by Whitney 'senseleas') based on the pronunciation of $d d y$ as $d y$, and bringing in ita train a fulee division of words, see $\$ 826$
sadamun (Valt sa dahan) pradahan e (Vait nv) agत̃h GB Vait Partheles $u$ and ris, the paseage 19 metrical and $v(n v)$ la read consonanacally
lokam (RV ulnkam) u (Aps id) due upa jdmi (RV jdmım) ijatuh RV MS ApS

Double and angle consonanta between vowels
$\S 393$ The shift between double and angle consonants when both preceded and followed by a vowel is more worthy of attention Here we seem to find traces of the Prakstic tendency to treat a short vowel plus a double consonant as the phonetic equivalent of a long (or nasalized) vowel plus a angle consonant, so that (in Pall and Praknt) the two may interchange at random, without regard to etymolngy See Geiger,

Palz 585, f, Edgerton, Studies in Honor of Hermann Colliz 32 f Whule other considerations regularly enter 10 with the variants, it seems to us hardly to be doubted that this phonetic tendency exasted in the Vedic language it appears moat clearly, of course, when the preceding vowel is long before the single consonant, but ahort before the double consonant
§394 In some variants the preseding vowel is the diphthong e This sound, of coursc pronounced as a monophthong from early twee, may be either long or short in Pali and Praknt, there it is always short when followed by two consonants, long when followed by one In Sansknt it is invariably conaidered long But we find variations in the mes between sugle and double consonants after it, as in AV 15 102 (see Whitney's note), where nearly all mss read manaye lathe for manayet tath $\bar{a}$ And so in the vansant
sa no jūeju à yame AV sa nu devesu a yamal RV TA,
where most mss of AV. read yamk, but the comm yamed, which is certamly antended, the next word begins with $L$, and the actual reading of RV T'A in yamad See Whitney's note on AV 182 3, and VV I p 74 This is clearly a phonetic amphification
§396 The other vanations, first where the quantity of the preceding vowel uhifts with the doubling of the consonant, involve lexncal or morphological stufta Thus in equivalent noun stems of different declensions, the stem apsaras appears also as apsard independently apsarassu (HG ${ }^{\circ}$ rasu ca) yo garvdhah ApMB HG yä medhd apsaräsu (MG medhapsarahsu, Scheftelowitz resds medhdpsarassu for RVKh) RVKh MG apsaräsu ca yd medhā TA Mahand HG ApMB ApG
Here the fem gender of the word, and its nom gg apsaräh, may have helped in the change But the like is found with neutern, where no such influence can be suapected
yā te ugne 'yāsayā (VS SB 'yahsayā, TS 'yā̆saya rajásayd) VS TS MS KS SB MS yā le agne rajūsayil (VS SB rajahbayā) V'S MS KS SB MS
§995a The adjective mahad vanea with ita compoation-form mahdagre vajasyu bhajate mahddhanam (SV bhajase mahad dhanam) RV SV
8398. The forms raye and rdyas vary with rayyal and rayyds (aee Edgerton, 1 c, §393) U'idoubtedly the former are from rai, whle the latter are from the parallel atem rayi (which by the way usually masculne, but occasionally femmune) But the phonetic shuft here conaldered seems also likely to be involved, the int forms seem ongnal agne samrād ze rāye (ApS rayyaz) AS ApS z8e rdye VS MS

SB TB (The Conc quotes AS ApS under thus form too, but it refers to the asme pasage, agne samrdd etc)
rayas posena (MS rayyd) ina pafyala (and vah pasyami) TS MS KS
6397. The base su, used as a root noun, must appear as out, a superlative from it, -suttama, vanes with the parallel base -sintama indraya (MS MS ${ }^{\circ}$ ya win) susuttamam (VS SB supūtamam) VS MS KS SB MS
§390. The roots of 'enjoy' or the luke, and und 'find' with dental suffixes, produce forms which are lexically independent but show the same phonetic shift, it appears that in both the varante recurded, the forms of vi are older Cf 8329, agnir hote vetv (vellv) isfam ca vilam (SB AS inttam) ca (ŠS cdbhūt) MS SB TB AS SS socasva devouitamah (KS intlamah) RV RVKh VS TS MS KS SB TA rocarea devavitamah VS
§399 More numerous are the cases in which the preceding vowel 18 etther short or long in both forms of the vanant They are chuely lexical We begn with those in which the vowel is short Forms of the root cal, with dental suffixes, vary several tunes mith denvatives of ri or cyu
acttapaji (TA acyula ${ }^{\circ}$ ) agnill, and
acittamand (TA acyuta ${ }^{\circ}$ ) upanaktā MS TA SS Proper names of nabig, 'unthunkable' and 'unahakable' both make good sensc, the latter 19 becondary
cittm (MS KS MS ritim) juhomi manain (VS TS SB and ghrtena) VS TS MS KS SB MS ApS See Keth on TS (HOS 19 p 444, n 1) Citimi is perhapa, as Keth asya, a mastake for ctum, but it seems widely attested, and we doubt whether it 'abould have been corrected' by the editors of the texts where it occurs To be sure, one ms of MS has ritim, but MS ritim The passage belonge to the ritual of 'pilng' (cilz) the fire-sltar In the same context occurs
cittim acittm ( KS me tralim acitim, emended by von Schroeder) cinourad $\mathrm{KS} \dagger^{\circ}{ }^{\circ} \mathrm{o}$ ) un udvin RV TS KS Add to VV I $\$ 337$ Cf prec md tud il kran püruacito (AV "ctun, MS ${ }^{\circ} \mathrm{ctltau}$ ) nikdrinah AV IS TS MS KSS Lexical, but the reading with $u$ seems to correapond better to what is expected (contrary to the new of Whitney and Keth). It refers to people who may 'get ahead of' us in the favor of the gods 'Having thoughts (devotion, or magic') first', or, w MS , 'in firgt thought'. 'pulng (the altar) firgt'
$\$ 400$ One case concerns different case-forms of the same stem varsman ksatrasyn kakubhe (TB Conc ${ }^{\circ}$ bhit, Poons ed ${ }^{\circ} b h z, ~ M S ~$ kakubbhth) srarryanah (TB frayasen) TS MS TB Loc aing mastr plur of kakubh The form kakubhih is an mposable blend of the two, aud ehould doubtless be removed from the text with Poons ed, yet the comm seems to have read so (but be glosses utuamiñge, as if loc)
§401. The rest are miscellaneous, and in part concern mere corruptions and false readings
nama dihtidate ce prakhidate ca VS MS KS nama akkhidate ca prakkhtdate ca TS The curious doubling in TS is authonzed by TPr 148 , but the mas show all sorts of vanations, see Whitney's note on TPr, and Weber's on TS 4592.
aya san (ayāh san, ayäs san) manasd hitah (MS krtlah, p p krtah, KS krtah) MS KS TB ApS ApMB HG ayasi manoed (vaynad) krtah AS SS Ksú aynaī manard dhrtah ApS ApMB ktlah ${ }^{19}$ obviously a blunder Cf $\$ 402$
vecthya (I'S vichäya) suthd VS TS MS KSA vortaya probably an error
riwitah (SS murtah) purusid drtih AV SS The passage where this occura is rank nonsense, and any reading will do as well as any other
vatednarah pralnathe nakam druhal (PB taruha) AV PB TA ApS In all followed by diva-, druhad is the actual reading PB has a phonetic amplification or corruption, a 2d aing umpy is unsppropnate (aubject nommative, and parallel 3d person verb in laat pāda) Add to VV I $\$ 332$
phulaya, and phalliyn, KhG bhakiyn, and hhalldyn, SMB GG Sep 879
samudrad udajani vah ( ApS udacarn u'a) sтucd M8 ApS See $\$ 53$
ımdm mardh (narah) kfnula vedım elya (ela, ctat), see $\$ 328$
yamasya lwke culhrajjur ayat (TA dya, MS luke nedhir ajaraya) AV MS TA Corruption in MS
nuof (oceli, unurtyai, viustyal) sudha, see 8866 majadend avalaran HG adevd devavattaram ApMB Several HG mse read auadtaram, pointing to probsble corruption in its text ava lara (TS arattaram) nadisu d VS TS MS KS SB avallaro nadindm AV Bee $\{832$
sfo youno bhrgubhir dramnodd yatzbher (MS once yalibhar) astrda $\mathrm{MS} \dagger \mathrm{K} \delta \dagger \mathrm{ApS} \dagger$ The solated yattibhir can only be a matake
pituo (VS M8. prdvo) nyankuh kakkafas (M8 kakufhas, TS kasas) VS TS MS
dardra (TS ©dran) nilalohuta V8 TS MS KS SB Epithet of Rudra, the TS form apparently felt as a participle Keth, 'waster'
 and comm "utivn) ne radhah RV TB
dimasy atmann atmanam (GB Conc almanatmanam) me mi hitoin GB Vait Kaus Gasatra reads correctly luke the others for GB rajani (AV Berlan ed rajuunt, by emend) granther daram (AS dhanam) AV AS Vatt The emendstion is probably nght, at least in giving the true ongnal reading of the passage, but there 19 no variant Caland in his translation of Vait quotes it as resding rājans, perhapa by a alip
jivebhyas tua samude vayur indrah AV 81 15a Conc asys read samimude, but Whitney would keep the text, analyzing mith pp asm-ude 'conversation' The comm however connects the word with root mud If this were right the vanant could be classed with §306 Uncertan
suarvado abhz ga corinm usnan (SV ipnan) HV SV Conc suggests musnan in RV, see however Oldenberg, Nolen, ad loc
$\$ 402$ Next we coine to cases in which the vowel preceding the single or double coneonant is long in both casea Particularly interesting, as auggeating the Prakritic influcnce to which we alluded above, are cases where a secondary or corrupt reading appears mith a angle consonant after a long vowel, the proper form having double consonant This seeme to point towards a tendency to smplify double consonants in that position Thus
 The LS obviously has a secondary lect fac, altho it makes good sense
ayü (MS ayīh, liS ayāx) $80 \pi$ (KS ms ayāsĩ) manasa hutah (MS krtah, pp hitah, kis krtah) MS Iis TB ApS ApMB HG aydud manasa (AS nayasā) krtah AŚ SS lizus ayasi manasd dhrlah Aps ApMB Cf $\$ 401$
 Read mitebhyah in AV with some mas and SPP
saruam ni sudpayd janam RVKh AV Edgerton, AJP 35 439, has suggeated poapaydj janam as the true reading
i403 There are several vanations concerang the synonymous adverbe pasca and pasral, before following d- In the first, at least, the
form with double d 18 the older, so that the ame tendency is mvolved apascdddaghvane (SV apascäda) nare (SV narah) RV SV TB ApS apaf́cildaghuénnam (AV apaicddagheännasya) bhüydeam AV M8 ApS MS
paścaidosaya glàrnam VS paścdddosaya glãvam TB
8404 . There 18 some confusion between pratilla (and pario), pple of root dè in composition, and prafüla ( $\mu a \mathrm{ri}^{\circ}$ ), similar form from root in composition (and, once, an anomalous apratikam) In the first two cases the form with double $t$ is the proper or onginal one, and the other may be a phonetic (Prakntic) amphfication In the other two the true reading has single $t$, and the double $t$ is textually very dubious yat kushlam apratilam (TS 'ituam, and so TA Poona ed, with y I ${ }^{\circ}$ (itnm, SMB apradattam) mayehn (TS mayr) TS MS TA MS SMA apamıtyum aprattlam yud asmz AV yäny apamatydny apratilldry (TB Poons ed ${ }^{\circ}$ tưtāny) asme TB ApS It seems that the onginal form must be apratillam, from prati-di (cf SMB), but possibly the pple of prat $t-2$ may be defended Sn the comm on TA reads (apratūam), glozang na pratyarpilam
syene parilto (ISK parito) acarac ca torile VS VSK SB syence wôto uta yo 'carat parillah AV Here the true form 19 certainly from pari-di
apah srpasan evar (TB ApS suvar) apratitah (TB Conc ${ }^{\circ}$ itulah, Poona ed text and comm ${ }^{\circ}(\bar{u} a h) R V$ AV KS TB ApS Here the double $t$ has no standing
stuhı kūram vajrınam apratikam (TB Conc apratittam, Poona ed ${ }^{\circ}$ tham)
MS TB The only correct reading is upratilam 'invncible' On MS see §1J8
§406 In the few remanning cases the doubling 18 secondary or corrupt atrā (AV taira) yamah saidand (TA ${ }^{\circ} \mathrm{nd}$ ) te menotu (AV kriotu) RV AV †TA A clear error in TA see note of Whitney-Lamman on AV
ugrampatyd (MS ugram pafyōc) ca rasplrabhrc ca tani MS TA Names of Apsarasea The MS has a corruption, probably due to mechanical form-asaumilation to the final of robtrabhrt, see $\$ 820$
nama äkhtate cn prakhidate ca VS MS KS nama aikkhi ${ }^{\circ}$ ca prakkhz ${ }^{3}$ ca TS See 8401
svina bhraja. VS TS SB KS ApS svina bhrat TA sudin nabhräd KS sukīn nabhrdd MS MS Keith on TS suggeste suãna nabhrāj-as the ongmal form

2 Assumation of two consonants to one double consonant
8406 The varinnts seem to show clear traces of the common Middle Indic tendency to asamulate two adjoining consonante Eapecially a semi-vowel or hquid is assumilated to a different consonsant, and an adjoining different consonant is asamulated to a nasal With these casea we nhall group a few instances of the converse, in which the double consonant appears to be older than the two different consonanta Here we have then a sort of diasumilation, which indirectly points perhaps to a feeling of phonetic correspondence het ween two like consmants and a group consasung of one of them and (especially) a semu-vowel or hquid
$\$ 407$ We begin with cases concerning $r$, the weakest of all the consonants (Gelger, Palı $\$ 51$, Jacobi, Augetachlle Erzoihlungen in Mähā-

 brahmarodanau VS VSK TS KS SB MS See Ketth on TS 1 28 2, he points out that anastū, as well as anasiù and anabsiú, is capable of a kind of interpretation Yet it is probably secondary, if not corrupt
manyor mrdhrarya (HG mrdhhasyaj nāsınt ApMB HG manyoh krodhasya ndiant l'G hirste suggeats reading rddhasya, sayng that manyoh seems superfluous But the parallels show that manyoh is onginal and that HG has a pbonetic assumistion in $\mathrm{m}_{\mathrm{F}} \mathrm{Cl}^{\circ}$
krid ca süki cojjesi (Apś sāki trurjsī ca) V'S VSK Apsí Here the disumilated fonn to secondary, it is no doubt vaguely felt as meaning 'foud-secking' (ūry + root $1 s$ )
duat lam (TA read duar tam, 8873) indrah sacyi dhamantam RY AV SV IS TA
\$408. The nert-wealest consonant, that is most apt to be asamilated to another consonant, in Pāla-Praknt us $y$ We have a number of caspas concerning $1 t$, to them should be added a few cases of final $n y$ varying with $n n$ before an initial vowel, which really concern morphology but which we liave placed with sumilar phenomena under Sandhi, $\$ 928$ abhinne khilye (TB khille) nidudhätz devayum RV AV TB Comm on TB khalibhüle, the clearest poasible case of purely phonetic essumilation
dusuapnahan durupyaha TA Bibl Ind duspuapnahan durussaha TA Poona ed, text and comm duhsumprahan durusvahē MahsuU See $\$ 255$
abuin aruséalu (KS †ApS anasyulo, MS̉ van Gelder, ancasualu) dènam KS TA ADS MS See \$255
$u d u$ tye (MS MS ud-ut te) marhumattamah RV AV SV MS PB GB AS SS Vaut MS The secondary MS MS reading involves substitution of $t e$ for the older tye
yad annendirohatz RV ArS VS TA yad anyendbhavat saha AV Here the form with $n y$ is secondary, but intereating as pounting to the light pronuncistion of $y$ On the nonscisical readugg of AV (the comm has annena) see Edgerton, Studies in Honot of Maurice Bloomfiehl 127
 $\oint 838$ The assmimation 18 secondary
oopyam (TB Poons ed cappam) na paiyur VS MS KS TB capya seems well eatablahed, tho etymologrcally obacure, cappam may be a graphic blunder
mirydcandramusau vikyähhyäm (KSA $\quad \uparrow k k \bar{a}^{\circ}$ ) TS KSA The TS forin is a secondary and (as shown by Av vor,obka) unhistorical form, dissumilatory in character, quite analogous to the preceding It has caused quite unnecesasy trouble for etyinologists (cf Uhilen-

$\$ 409$ A sungle case concerna l
gavo gulgulugandhayah (Vatt guggulu ${ }^{\circ}$ ) Vatt $k S$ ApS MS The usual Sanykrit form is guygulu, but yulgulu occure so perbstently in Vedic texte that one is constraned to accept it us the orginal form
\$410 As to $r$, it was already found involved in two cases mentioned in $\$ 408$ Besides, we find
tan ness trayadiam tantah sarvato (ApSS lan no vistuato) mahal KS Apś can me lanesin trüyatam sarvato brhat AV An obvious necondary assimilation in $\mathrm{Aps}^{\text {, }}$, assisted of course by the preceding tan nas yathryatham nou tanvau (AS tanud, MS tan nau) jdawedah KS AS MS The MS is obviously corrupt, no $v 1$ quoted
 AS akztoun) TS MS KS AS See $\$ 45$
 See $\{236$
apa durhdrddisn jahz Kaus Read ${ }^{\circ}$ denso, the corruption may be graphic (8869)
$\$ 411$ Of casea concerning the asamilation of non-nasal consonante to adjoming nasals, there occur the followng, beades one or two mentoned in the preceding sections as concerning semi-vowele apanma yadru praliranta (MG pralaram na, mbs ${ }^{\circ}$ ran na) dyuh RV AV MG
daspyd (AV dawd) hotaro (TS ${ }^{\circ} \mathrm{rd}$, AV ${ }^{\circ}$ rah) vanuparla (TS vanzi, K8 † vanцan na, AV sanısan na) puirve (AV K8 etal) RV AV TB KS
aksalam arisfam ilandam SMB akpalam asy arisfam ilannam gopdyanam SG Epithets of the cow, cf the cow-name taindd, MS $\begin{array}{llllllll}4 & 2 & 22 & 7,10 \text {, and } 42728 & 2 & 2 \\ \text { Altho SMB comm asys }\end{array}$ ilandam ildnnam kilrodilakjanam, it 18 probable that hoth thia explanation and SG's form are due to secondary etymologizing yad ejatı japati yar ca cespatı nâmno (Mahand nányo) bhapo yan (TAA Poons ed 'yam) namne (Mahand yatran me, v 1 yan namiou) suchd TAA. MahānU Here probably Mahand us secondary of not corrupt, and the (partially) assimilated form with two nasals is onginal
$u k p a n t i d n d$ marulo ohrtera AV 3124 So Conc, with Whatney's Transl, the comm, and SPP Hit. according to Whitney no ms reads so, except one of SPP's srotryas, moat of them bave ${ }^{\circ}$ ünnd, a few ${ }^{\circ}$ ülnd Ppp (Barret, JAOS 32 366) has ${ }^{\circ}$ ūnd See $\S 183$ [sudhaktasya sam u trpnula rohatah (TB Conc trinutarbi ${ }^{\circ}$, ApS and
 print]
fil2 When a final mute is followed by an initial nasal, the rules of external sandit require nasalization of the mute Lack of assimulation is here the exception, not the rule Bitt it nccurs in a couple of casps sahasajpsih prtandildn (SV "sad) vo yajñah RV SV anuplum (MS ${ }^{\circ} \mathrm{Gub}$ ) matrasya (GB Valt add paini) MS KS GB Vait

It 18 perhaps not accidental that both the sounds here concerned are of very rare occurrence as finala

M13 In a case or two $m$ at the end of a reduplicating pylable, or absolutely final, is alternatively assimilated to a following $n$, or remans anusvira This may be merely a matter of writing derya (ApS divyd) opo rannamyadhuam ( KS namnam ${ }^{\circ}$ ) PB KS ApS
vajusya hi pranave (TS ${ }^{\circ} \mathrm{vo}$ ) nannamūt (TS namnaㅇ ${ }^{\circ}$ TS MS KS a yam (MS MS dyan) narah sudanavo daddsurt RV TS MS KS AS MS Lect fac in MS MS (verb form, 'they have come')
6414. Conversely, before witial $m$, final $n$ vanes with anuavärs But two cases are purcly morphnlogical, concerning the masc and neuter (adverbial) forms tam and tad (lan), and the third is regarded by Whitney and the Conc as a mere corruption lam (MS lan) mid devd abank tobhdyat (MS ${ }^{\circ} y$ i) TS MS TA
lan (JB tam) mid punor kartary erayadhuam JB KBU trala etan manupyests mam力e TB ifta enam munupyepu mampe AV Conc and Whitney's note say, read enar with SPP At any rate a neuter and not a masculine form is intended
\$416 Finally we come to assumbation of other consonants to adjoming mutes In every case a preceding mute may be regarded as asamulated to a following mute (precisely as in Praknt), with one excepception which is extraordinary and may be corrupt, in it a following nasal (l) seems to be aksimulated to a preceding mute sisum nadinim harim adrobudhnam (TS ${ }^{\text {ob }}$ buddham) VS TS MS KS

SB Keith assumes adraburthnam in his tranalation
$\$ 418$ The other cases present the order of sounds which would be expected as a basia for asmmilation Nevertheless in several of them the disamulated form 18 histoncally secondary All happen to belung also in $\S 139$, where they are discussed individually, there is, then, no need to repeat them here
§418a To complete the subject of asamilation and disamulation, as it appears among the vananta, a general remark may be added on the not very numersus traces of asemmiation and disamilation of vowels, detaila of which will bef found in later parts of this book We ahall find anme aigns of a tendency towards $u$ coloring in vowela associated with labial consonants This appears in the varation of av with $u v, 88501-4$, and in that of $r$ with $r u, \$ \$ 678-80$ We have also noted, among the varants of $u$ with $a$ and $u$, what appear to be sporadic cases of assimilation to, or diseimilstion from, aimilar vowels in adjoining syllablea These will be found in $\$ 8605,607,609,622-4$

## 3 Simplefication of Conaonant Groups

5417 Under this heading there are first one or tro special cases to be distinguished On the insertion of $t$ and $k$ after final $n$ and $n$ before a gibilant, see $\$ \$ 938 \mathrm{f}$ On the optional dropping of a mute etymologically required between a nasal and another consousat, see Whitney, Grammar §231, Wackernagel I \$233a The dropping of the mute is required by APr 220 The $\ \operatorname{Pr} 630$ requires it before a voiced mute, the vanants show alzo a case where the dropping occurs before a voiceless mute in winting, but as this case involves dropping of $t$ before another $t$, it may be considered merely a matter of writing a double consonant as angle after a nasal ( $\$ 389$ ) The ntber Prâtiefirhyas ignore it All teats seem to show it sporadically But editonal as well as senbal vaganes have helped to make the record of hittle value Note Weber'a diaregard of the

TS mes in the first two varianta, which is typical, other less conscientious editors have doubtless been equally arbitrary, without troubling to record the actual resdinge of their mas
8418. We quote the followng vananta for what they are worth, which in our opinion is not much, for the reasons just atated brhaspate †yämydm (KS ms ${ }^{\mathrm{D}} \mathrm{yd}$ emend ${ }^{\mathrm{o}} \mathrm{y} \mathrm{dm}$ ) yuhodhz (AS yuridhi) udcam TS MS KS AS But prectically all mass of TS yuridhr parurridhr (TS MS SB ${ }^{\text {n }}$ UTitodhr) harasd V8 TS MS KS SB But here too all mse of TS vridhr, and so ppof MS ddilyain parbham payasd sam añght (VS añdhr, TS KS añjan) VS TS MS KS SB
athampleta janilaram añdhe (ApS añght) TB ApS But TB Poona ed arigdhi, text and comm
sucir arikte (SV uñle) sucibher gobher agnih RV SV
yah paurubeyena kraursa samañkte (AV samanite) RV AV Kaú udno (VS MS apo) duttodorhim bhenila (VS MS bhenla) VS TS MS udno dehy udadhum tbhindhi KS
sundelh1 (PG MG and v 1 of ApMB sundhs) stro misydyuh pramosih AG PG ApMB MG
ayam sa sorikle (AV niñe) yena gaur abhiurts RV AV JB N
sampasyan pañktir (AV pañım) upalısthamärah RV AV
achd viram naryam pañklırüdhasam (SV parili) RV SV VS MS SB TA
[pafktrah (KSA em †pañktah) kaş manthilavas (KSA †man ${ }^{\circ}$ ) te pitmam (KSA †pitinam) TS KSA The mss of both texts all read pämera, intending pañera, TS comm pamera-kasän, is a dvandval
\$419 There remany a miscellaneous group of cases ut which a consonant is alternatively present or absent in a group of consonants, numbenng three (or two at the begnang of the word) when the evanescent consonant is present We do not melude herc cases in which the vamant consonant ia a nasal, a semi-vowel, a liquid, or a abblant, sunce these have been trcated in Chapler 1X (Such cases are common when the evancacent consonant is $y$ or $v$, see $\{$ §314-5, $321-2,332-7$, 357, 367, 370) The only promment group which stands out among them concerns denvatives of the roots on and stu The ntualuatic use of these words is auch that the interchange is easy, there are many aituations in Wheh sula and sluta, soma and stoma will do about equally well grah sumah (SV gira stomdn) pauamóno maniodh RV SV Here there is a change in ayntax, but of the next, where there 19 none
ohrtahutah somaprsthah (MS stuma ${ }^{\circ}$ ) suvirah AV MS stomaprstho ghrtavin rupratikah KS TB $\dagger 372$ 7b, AS ApS The orignality of AV ws aupported by the RV epithet somapritha (fashoned on the model of ghrtapistha)
apsu dhautarya le deva somu nrbhih ( $\Gamma$ (tr soma deva le) sulasya (KS stu', MS p! $u^{\circ}$ ) IS MS KS PB apsu dhrlasya deva soma te matiundo njbhr sfutastotrasya (AS njbhih sulasya) AS SS
ndrafansena stomena ( RV sometu) RV VB TS MS KS AB SB LS Kaus Sce Oldenberg, ZDMG 5454 and 56, Hallebrandt, Lieder des RV 124 Grasamann would emend RV to stomena, but this us undoubtedly a later lectio facilior
[sutd (mas stuld) mayo uradī uandiminä (mss vedamisi) AV stulo mayí unadd vedamoté TAA Whitney's Translation abandons the unfurtunate emendations of the AV edition Weber, ISt 2 144, dascusees the TAA passage, he would underatand stuto as stutioul
$\$ 420$ The reat need no mibdivision
parıjnuā cal kramale (AS SS cid ramale) asyn dharmani AV AS SS 'Even a randerer walks (rejoices) in his (Savitar's) ordinance' Whitney's note implies that be regards ramate as a preferable reading, to us it seems merely a lect fac
tam tuam inbuebhyo devebhyah kratün (KS "bhya rtūn) kalpaya KS ApS Apparently KS has the true reading, of Caland on ApS 10251 , kratün is suggested by the followng phrase, dakpirath kalpaya
ahuratrabhyant purusah samena (GB * kpanema) GB (both) SB
yena Ariyam akrnutam PG yena atriyam akrnulam (SS atriyde akurutam) SS SMB GG árıyam 1 a clearly a becondary amplificution with phonetic aspects
brharin an brhadravi (TS KS brhadgrdiu, MS brhadrayāh, MS brhadrdyah) is TS MS KS SB MS The form contaming o seems to be the older
sumbhdnas (KS stam') landam (TB lanueam, SV tlanodm) sudm RV SV MS KS TB 'Adornug (estahlishing) his own person '
 RV saictre) RV VS MS SB TA Tho the comm on TA takes anydadratasya as two words, accent and sense agree m showng that it was felt an one, anyod us the 'etem' form
maileva pudram bubhth ov (VS SB bibhrtapev) enal (TS KS enam) VS TS MS liS SB The verse is addressed to the watery, whoh uccounts for the secondary change of V8 SB
namah supkydya (MS supyäya) ca hantydya ca V8 TS MS KS Von Schroeder thinka MS is probably to be emended to fupkytya, but it may he the true reading (a phonetic amplificalion)
bhayam dLimabhyim (KSA ${ }^{\circ}$ madbhyam) TS KSA Stems in -man
-mant, obscure namps for some part of the horse's body
8421 . In some casea an mitial conmanant, or even two initial consonants are dropped altugether (or added)
kptinn nah pahy anhamh (TA eriasah) MS TA tān minuñealanhasah TB The latter is poor, comm rtäl prāptäl tarmad arthasah ptasya dhdme amplasya yoneh TS rasya yonum mahisarya dhardm VS KS SB ohptasya dharam mahisasya yonzm MS ef ghptanya dhdram amptasya parthüm TS KS ApS Ritualistic rugmarole The MS pirda may be a blend of the other two, both of wheh are found in KS
Sravo ( HV VS avo) devasya aínan (TS TA ${ }^{\circ} \mathrm{rm}$ ) RV VS TS MS KS TA
dtaväru (VS TS KS SB avà no) dcoyiè krpā (VS SB dhıý̃) RV VS TS MS KS SB avão no a facile and slipahod substitution
 TB ApS ApMB SMB PG HG The SG es obvivuely secondary and poor, it must be understood as a quavi-denvalive from dyu(s) yísam agnir rstyd (KSA nestyd) namanz veda RV TS IiSA The KSA reading 15 an attempt to 'correct' an obscure passage 'Whose names Agmi knows by the sacrifice' 'whoge (oremen (external) names Agai knows'
 original form of ern peru is unknoun, it probably means the male organ
purudanmo insurūpa (KS purudnsmavad nistarūpam) induh VS KS SB urudrapso mbluaupa induh TS ApS Synonyms madhuri (VS odherī) rajäiesndriyant VS MS lis TB Coinm on IS madhui, the only posable reading Is adhicia misprint' [tuayd juasena sain aftmahi tui SG tuayàvascra etc TS KS TB AS MS Kaus SMB PG juasena ta a misprint, corrected SBE 29 98, note ]

## CHAPTER XI VARIATIONS BETWEEN SHORT AND LONG A

8422 The outstanding feature of these vanants is the light they throw on the matter of rbythmic lengthenng, and, to a less extont, rhythmic ahortening They are supported in these reapects to a much smaller degree by the variatione between short and long 2 and $u$, recorded in the next chapter -In $\left\{\begin{array}{l}\{300-2 \\ \text { we have referred to vanations between }\end{array}\right.$ it and ahort a plus nasal, they will nut be repeated here See likewise \$\$385-8 for the same varistion before angle and double consonauta

849 Particularly mportant are the cases in which the variant vowel is final, either absolutely, or in the seam of a compound, or before a euffix that is treated as if it were a part of a compound It is in these that we detpct mont clearly the lengthening of a short vowel due in sentence rhythmu We shall present them firat, following them with variations between intial and medial long and short a, in etem formations of nouns and verbs (where we atill seem to find tracta of rhythmic leugthenng), and in mfleaunal elements (where it seems to be virtually non-enstent) Finally there will be presented a group of purely lexical and miscellaneous variants of non-final $a$ and a
8424. In all theac classes there are instances of shortening as well as lengthening, that in, cases in which $\bar{a}$, not, ahort $a$, 18 historically the more onginal, not to apeak of different formative elementa where both forms may be justified Shortenngs of $a$ before more than one consonant seem occasionally to euggeat the Prakritic tendency to ehorten long vowels in closed syllablex (cf $\$ \delta 393$ ff) But other connderations usually enter in, so that the extent of this purely phonetic shortening is problematic
8425. The relation of rhythmic lengthening to meter is well atated by Wackernagel I §26ia The poets make free use of the hcense to lengthen a final short $a$ in oyllables where the meter requires a long But fundamentally it is a matter not of metncal requirementa but of sentence rhythm Among lengthenings of final short $a$ which can with certainty be regarded as rhythmic, the majonty do not occur in syllables required to be long by meter As atated by Wackernagel, the rhythmic lengthening as prehisionc and occurred onginally when the syilable would otherwise be short (that is, when a single consonant followed the vowel), and when the neighboring ayllables were short,
espectally the followng one Analogical extension has obscured without obliterating the onginal conditions

## 1 Final $a$ and a

5426. Under this head are meluded $a$ and $a$ not only as absolute finale in a word, but also as atem-finals in parts of compounds, or before such suffixes as vant (treated as compounds in respect of sandhi), or even in the reduplicating syllable, which as regards sandhi behaves in the same way, tho it may be regarded as cloang the gap between final and medial conditions But to avoid possible vitiation of results thru thes grouping, we shall separate the absolutely from the relatively final cases

8427 To show the precse extent of genume rhythmic lengthening, some further diatinctions will be necessary In some of the words concerned, the regular final is $\delta$, not whort $a$, either in all penody of the language, or at leart in the earleat. In others, both $a$ and $d$ can be more or less justified morphologically or lexicylly, or the lengthening may have been asorted by some formal analogy Take as an instance the gerund ending ya or yä Altho ya prevaila entirely in the later language, $y^{d}$ is much the commoner in RV, and is probably the older form (a atereotyped instrumental case-form, whether yid is to be regarded as an onginally distinct ending, not identical with yā, need not here be diacussed, of Wackernagel III p 34 f and references in amall print there) Or again, the instrumental angular ending of a-stems (ena) of ten ende in in, it is at least poseible that other matrumental forms in ii ray be concerned in thas (as suggeated by Wackernagel I p 312 infra, rather different to the implication of III $\|$ 92) Obvinusly ruch forms must be separated from cases of purely rhythrale lengthening We shall therefore begin wnth-
(a) Absolutely final a, oriqinally short, varying with rhythmically lengthened $a$
8428 Here we include thirty fight variants in which the lengithening is certanly secondary and suens due to the sole and excluane operation of the law of sentence rhythm, at least there is no apparent morphological or analogical justification for it The principle is ably discumed by Wackernagel I $\delta 8264-6$ The pada-panthas regard the lengtheming as one of sentence rhythrn, for they regularly substitute short a Theur opinion is confirmed by the finct that the lengthening practically never occurs at the end of a påda or sentence, nor, in TS, at the end of a
kandikd (Wackernagel 1 8265a, note), cf VV I p 174 Onginally it depended on the quantity of the surrounding syllablea The typical case was that in which final a followed by a angle consonant (so that the syllable was hght) was both preceded and followed by haht syllables. This succession of three hight syllables was avoided by lengthening the a
§429. Most of the cases hre verb forms ending in a thirteen of the 2d sing impr -a, eight of 2 d plur ta and -tha, two of 2 d sing middle -sua, four of list plur -ma, and one each of lyt aing perfect $-a, 2 d$ ang perfect -tha, and 2 l plur perfect -a There are seven other cases two of ama and pra, and onc each of ca, uta, adya, and sapta On pra, probably not to he connected with IE *pr®, see §\$439, 449, 465
j430. No achool tendencies are revealed by the vanants Late and popular texis replace an older or hieratic $a$ by $n$, and vice versa, with perfect indifference But some general considerations suggest themselves

8481 Firgt the variant word never occurs at the end of a pada or sentence, except in one or two peculiar cases (Note that in AV 1939 10d suvé ня a muprint for sum, see Whitney's note, the parda $1 s$ repeated without vanant from AV 522 3d) One exception has been explaned in VV I p 174 vanaspale 'ua ктjā (KS sfja) AV VS TS MS KS For another see nihiram etc, $\$ 446$
\$432 Secondly only once dows the lengthened syllable occur before an inital vowel, leaving histua irudra sumam pibie imam RV AV SV MS indra somam imam piba RV SS Here indeed one might be tempted to understand pibis in the first form, but ppof RV MS both paba Cf Oldenberg, Noten on $8 \quad 17 \quad 1$
F433 Thundly Othermse the word following the a a always begins with a sangle consonant, except in two cases, wh both of which the $\bar{a}$ is secondary (AV, bbort a KV) and seeme due to spectal reasons In both cases, as ite happens, the following word 19 pra We are not inchned to bee any significance in the conjunction mute plus liquid (as of tha group failed to make the preceding syllable heavy), puesibly more important ts the fact that $p$ ta a labial consonant (cf §464) ul tofhala (AV Kaus 'iā) pratarntá eakhayah RV AV VS is TA

Kaú The a may be attracted to match the ending of taralo, where $\mathrm{a}_{18} \mathrm{in}$ every way regular and demanded by the meter juhota (AV ${ }^{\circ}$ ta) pra ca taplhala RV AV VS TA Thly pada of AV (18 2 2b) in RV 1014 14t, the preceding one is RV 1014 15a (these two RV verses are jumbled in AV, see Whitney-Lamman).
yamaya madhumattamam But further, RV 7102 3b has juhow madhumattamam, the first word is the first word of AV 1822 b , and the second is the last word of the preceding pada Apparently the secondary a of AV juhotd is a reminiscence of juhotē RV 71023 b , where the d is regular, in that RV pasage it was immediately followed hy madhumatinmam, in AV it in ummediately preceded by that word
ge34 With these, the only two real exceptions, are to be compared two others in which two following cousonants are or seen to be concerned
chayd ca dababhet ca suabhüle (AV cd auhüle) AV VS MS SB TA AS
SS Both are regular, in AV cd plus one consonsnt, in the others ra plus two
agne puripyndhepi bhava (TS bhava) luam nah VS TS MS KS SB Intended for a tristubh pada Perhaps team is aurplusage, whether it 18 or not, a long ayllable a required by the meter before it, and tvam (if kept at all) must be read tuam But annce vocalic $y$ and $u$ do nol count as consonante for the purposes of the law of rhythmic lengthening (Wachernagel I $\$ 265 \mathrm{a}$, note), the $\boldsymbol{\alpha} 18$ not followed by two consonanta and the lengthening la demanded It wh the other texts, with thava, that are uregular
\$436 Fourthly, se to the quantity of the surrounding syllablen, the vamanta do not aupport quite so strikingly the principle atated above, that they should both be short We may remember that, in fact, one form of the vanant always keeps short a In about half the vanante the preceding syllable is long The following syllable conforms better, it is short in about three fourths of the cases In eight. cases both the adjoining ayllables are long In Give of these, the older form of the variant has short $a$, but in the other three dis older It is, however, probably not accudental that in anx of the eight. cases the followng ayllable us an enchtic pronoun, that is a 'light word', lacking in accentual prominence, even tho metrically long It is also worth noting that in half the cases the variant vowel is in the sccond ayllable of the pada, thas is a favorite position for rhythmic lengthemng, as we shall presently see
8436. The enght cusce where long ayllahles both precede and follow are
henva (Vaut ${ }^{\circ} \mathrm{Od}$ ) me gätró ( KS gafravi) harıuah TS Valt KS ApS MS Lengthening only in the late and peudo-hieratic Vait pary u qu pra dhanva (AV ${ }^{\circ} \nu \overline{\text { a }}$ ) vijacuataye RV AV SV LiS AB SB Lengthemng secondary
abhu vānì roinam sapta (SV ${ }^{\circ}$ tā) nüşata RV SV
undma (Kaus text ${ }^{\circ} m a$, read ${ }^{\circ} m a$ with $A V$ ?) te suapna jantiram AV Kaus (pratiba only)
adha sma (MS amá) te urajanam krgnam astr (MS astu, KS ${ }^{\circ}$ nam astu $k_{\text {ternam }}$ RV SV VS TS MS KS SB Iengthenng secondsry ondma te näma (AV urdma te dhäma) paramam ouha yat RV AV V8 TS MS KS SB ApMB
asti hi gma (TS MS KS astu סmia) te furminn avaydh RV VS TS MS KS SB
adya (SV GG Svidh erya) no deva eavelah RV SV AB KB AA TA Mahrol AS SS ApS AG SG GG Svith
s497. The only other cases of a following long eyllable, not final in the padu, are
 upa (MS unt) no murduarunav ihduatam (MS ${ }^{\circ}$ nd ihdgalam) MS TB TA
indrasya nu vryanı pra uncam ( $\mathbf{A V}$ nu pra (read prä, 5449) vocam ur $r^{\circ}$ ) HV AV MS ArS AB KB TB AA N Note that a is clearly secondary and is followed by a labial consonant (8464)
$\$ 438$ In quoting the full hat of these vananta we shall classily them according to the poastion which the variant syllable occupies in the verse All but one of the thriyelght variants are metneal, and that one 18 cadenced prose and matates a tristubh pada In two cases the order of words is yo changed that the variant ayllable occurs in different positions Of the reat, the varnation occura moat often in the $2 \mathrm{~d}, 3 \mathrm{~d}$, and 4th syllabley of the pada, viz, aix, four, and aix times respectively It occurs three times in the fifth ayllable of tristubh-jagati pädas before the cesura, and once as the intial syliable, so that it orcure twenty tumes in the first part of the verse, and fifteen in the last But of these maxteen, eleven concern the elghth syllable and two the tenth, one case each concerna the seventh and ninth syllables of jagati padas, and the buxth of an anustubb This summary indicates that, except wher metrcal requirements have caused the lengthening, the occurrences tend to be pretty closely reatricled to the first part of the verac, and apecifically to the second, third, and fourth syllables (and the fifth when that precedes the cesura) In the last part they occur as a rule only when the meter requires a long eyllable
\$499. In the first syllable of a pada
pra (KS prai) raa ayur jtoase soma tarth RV KS AB GB Vatt MS
It is unlikely that a rather late text like KS has preserved a hastonc
representative of IE "pro Cf pra (pra) omd menoty (menoty) ajarah, $\mathbf{6 5 1 2}$, which probably belongs here, and $\$ 449$
$\mathbf{8} 40$. In the second syllable
hinwa (Vatt ${ }^{\circ}$ US) me gatrd ( KS gatrdni) harivah TS Vatt KS ApS MS wahd (TB N vaha) devalta dudhro (MS dadh ${ }^{\circ}$ ) havinp MS. KS TB N indma te nama (AV undma te dhama) patamam ouha yat RV AV VS TS MS KS AB ApMB
urima (Kaug ${ }^{\circ}$ ma) te stapra janitram AV Kaus
adya (SV GG Svidh adya) no deva savtah RV SV AB KB TB AA TA Mahand AS SS aps ag SG GG Svdh

\$41. In the third syllable.
Juhta (AV ${ }^{\text {ra }}$ (a) pracalithata RV AV VS TA
pretū (TS upa preta) jayodín narah RV SV AV VS TS Read pranā in RV cte TS seems to have tried to mprove the meter, but only makes it worse
janzod (MS ${ }^{\text {a }}$ ya, RV KS ${ }^{\circ}$ sta) hi jenyo agre ahmäm RV TS MS KS ApS
adka sma (MS sma) te urajanam krsnam aute (MS astu, KS ${ }^{\circ}$ nam astu kronam) RV SV VS TS MS KS SB
g4t2 In the fourth syllable
varvasya mahamaha (SV nsyd mahondm) RV SV

ut hythata (AV liaus ${ }^{\circ}$ (a) pra taraui sakhayah RV AV is SB TA Kinus See $\$ 433$
a juhou (TB ApS ${ }^{9}$ ta) duvasyata RV SB TB ApS (pratika)
 TS ISS Aps MS Three mas of KS mmayata
asti hi sma (TS MS KS astu sma) te ©́uiminn avayüh RV VS TS MS IS SB
g(ts In the fifth gyllable, before the cesura
udìrayathà (MS MS ${ }^{\circ} t \bar{a}, \mathrm{AV}$ KS ${ }^{\circ}$ ta) marutah samudratah RV AV TS. MS KS AS
yatrd nas cakrd (Conc rakra for KS with one ms, but ed cakrā with othera) jarasam (anürám RV is MS KS GB SB. ApS ApMB HG
pranco agdma (TA pränjo 'oamu) nrtaye hasdya RV AV TA
S44. In the auth syllable of anustubh
indra somam pibd tmam RV AV SV MS indra somam imam piba RV SS See $\$ 432$.

FHAS In the seventh ayllable of jagatl-
pary in su pra dhanea (AV dhaned) vajasalaye RV AV SV KB AB SB The third syllable after the cesura in tristubh-jagstl meter tends to be long
\&446 In the eighth syllable of tristubh-jagati

brhaspak parı diyā (TS dǐya) rathena RV AV SV VS TS MS KS
No real vamant, ance diya enda a kandikd in TS, see $\$ 428$ and VV Ip 174
aqne purisyädhipā bhava (TS bhava) cuam rah VS TS MS KS SB An urregular verse, which paychologically belongs bere unless tvam be deleted, see $\$ 434$
vancospate 'va stji (KS srja) AV VS TS MS KS Also belongs here pmperly, ree §4:31 and VV I p 174
dyumantam suщnama dharia (SV bhara) svarvidem RV SV
adicana mi (MS dhipsyam vī, TB yad wīdī̀yan) samjagara (TB ${ }^{\text {ºjagird, MS }}{ }^{\circ}$ cakara) junebhyah MS TB TA
royam rasire jagryáma (MS $\dagger \mathrm{KS} \dagger^{\mathrm{c}} \mathrm{md}$, MS pp and TS jagriynima) purohutih VS VSK TS MS KS
yasmind yoner udärthä ( $\mathrm{KS}{ }^{\text {otha) yaje (MS KS yajd) tam RV VS TS }}$ MS KS SB
sapla yonir ( KS yoninr) à prnasva (TS KS TB asod) ghrlena VS TS MS KS SB TB
ekayĩ ra dasabhiś ca suabhưle (AV ça suhūle) AV VS MS SB TA AS Sis
bhagemän dhıyam ud avd (TB † ApMB $\dagger$ ava) dadan nah RV AV VB TB ApMB
niharam in ni me hara (TS tharā) TS KS The TS form is quoted as a case of lengthened final $a$ in $\operatorname{TPr} 312$, the actual quotation there uncludes the folloming word nihiram, which is the initul of the next pada There s no doubt of the pada-division, the pada is anustubh, not tristubh But the lengtheming of a final in tha pada 19 so utterly anomalous that one of two thinga muat be assumed Either the lengthening was due to a careless assumption that the pada was tnistubh (including the following niharam), or (and this we believe is the correct explanation), the rasl reading intended in the ammité-pàthas is not hara but harad, subj and not imperative This was wrongly analysed by the pp. as hara, and hence arose the $\operatorname{TPr}$ rule on the subject This varant should then be added to VV I § 152 We do not count it in our figurea for thes section
$\$ 47$ In the ninth sylleble of jagat! abhi uinir roindm sapla ( $\mathrm{SV}{ }^{\circ} \mathrm{i}$ (a) nüsala RV 8V
\$48. In the tenth syllable of tngtubh vrebher abvarr maghaw bhoud (TS ${ }^{\circ} \mathrm{oa}$ ) nah RV VS TS MS KS No true varant, ance bhava ends a kandiked in TS , of 8428 and VV I P 174
gharmam pala vasavo pajala (TA ita, MS 'ird) vat (MS vef, TA vaf) VB MS SB TA Cadenced prose, imitating tristubh meter, bence lengtbening secondanly in TA Note that TA is the only text that has a short vowel in the followng syllable
$\$ 499$ Difierent ayllahles, with change of meter
idam me prduatd vacah RV VS TS KS TB opadhayah prāvala vicam me MS arya mada itryam Kaus Where the lengthening occurs it in favored by ite metrical position
indrasya nu uirydris pra vocam (AV nu pra vocani viri, but mobt mea, SPP, and Whitney Tranal prà for pra) RV AV Ars MS AB KB TB AA N-Ppp (Barret, JAOS 48 47f) like RV On prif cf 839 and 437
(b) Worde in which ahsolutely final a vanea with $a$, the a being capable of more or less justification on formal grounds
\$460. Here other conaderations enter in and make it imposable to regard the law of rbythmic lengtbening as the sole determinant, altho it remains an umportant and perhapa in many cases the decieire factor We include here adverbs in tra or trd, adverbs in tha or tha, tha or dha, gerunds in ya or yā, instrumentale from a atems in na or mi, and neuter nom-accs in ma or ma, also one vanunt of acha acha it is noteworthy that in nearly all the cases, except the gerunds (in which the ending $y$ a ta probsbly older than $y a$ ), the variant vowel occurs in the second ryllable of the pāda (cf 64:18) Furthermore, it nearly always (with only one exception) is followed ty a word beginning in a angle consonant Except in the case of gerunde, it never comes at the end of a pada
\$461. Adverbe in tra irã, viz yalra, latra, atra There is a euffir tra, whose independence of tra seems indicated by a difference of acecnt (Whitney, Grammar, $\$ 1099 \mathrm{a}$ ), the former is accented on the suffix, the latter on the stem So far as we have noted, our variant forma in tra a)waye accent the atem Still, the exishence of the trä-sufir cannot be ugnorod in considening these vamations While they are probably to be regarded as primarily rbythme lengtheninge, some influence from the auffix trd may be at least auspected

8452 In all eight casee the adverb comea at the beginning of the pada, so that the vanant syllable ss second It ts alwaya followed by a angle consonant; the following syllable is short three tmes, long five times In nearly all casea the older version has $a$
yotrd (MS *yatra, AV *yend) nah (AV * Le) pirive pilarah partidh (RV MS * pareyuh) RV AV (bıs) MS (tris)
patrā sapla rpin (TS KS yatra saptaryin) para ekam ahuh RV VS TS MS KS N
yatrā (TS yatra) suhärdah sukrto madaritz (TS ${ }^{\circ} \mathrm{Ke}$ ) AV TS
atra (AV latra) yamah sadand (TA ${ }^{\circ}$ nal) le minotu (AV krnotu) RV AV $\dagger$ TA
tatrid sadah (SV tatra yonem) krnauase RV SV KS
latra (SV tatta) no brahmanaspatih RV SV tatra indra brhaspatih VS
yatra (SV yatrā) devī $2 t \imath$ bravan (SV bruvan) RV SV
atrí (V'S atra) jahimo (RV TA jahäma, AV jahüa) yt asann abevah (AV aizoäh, and asan durevãh, VS SB 'quā ye asan) RV AV VS. SB TA
§463 Adverbs in thr, thin, and dha, dhe Among the vamanta are found only atha, athā, adhn, adhi, and one casc of ittha, tuhē Here there is less resson for assuming rhythmic lengthenimg, or more retson for auspecting formal analogy, because most adverbs of this type regularly have $\bar{a}$ The only form that usually ende in the is atha, and adha is the only one usually ending in dha The numerous forman in thi and dha may therefore be supposed to have had sume influence in producing the (not uncommon) forma atho and adhe There is this time no differcnce in accent The uthe tutha variant really belonge below, with §477, annce the word regularly has a
\$454 In the seven atha and adha vansnta, the adverb is always initial in the pada The following word begins with a aingle consonant in every case but one, but the following syllable is lung also in every case but one
atha (AV adhd) man punar dyala no grhàn AV HG. adha (TB adhñ) wīyum nlyutah sácala suith RV VS MS TB atha insue arapà edhate orhah TS adhe intudharapa edhate grhe VS athe gursr (read girnt, see Whitney) indatham a vadise AV athd jiuri ApMB adhd juri vidatham a vadathah RV adha syäma (MS alhà syüla) rurabhayo (ApS corruptly, syam asur ubhayorl grhesu AV MS KS ApS athē (AV atha) devandm vasanir bhavalı RV AV TA
athd (TS * atha) bhava yajamdndya fam yoh RV TS MS KS AS No true varant, the ehort a once in TS ( $\mathbf{3} 2112$ ) is due to the faot that the word happena to end a kandzed, see $\$ 428$ This ahowi that after all the lengthening to athl was at least partly rhytbmic, and felt ar a matter akin to sandh
§465 For completeness we add here the angle case of utha varyng with wha The latter 18 not recorded in the lexicons, tho it occurs in this vanant in four texta it is, however, clearly analogical, due to thought of athn Of course the ongmal and regular form w tuht, and the variant properly belongs with shortening of ongmal final $d$, 8477 thetthr (AV ithä) präg upäg utag adharäk AV GB AS SS Vaut
§468 Gerunds an yayd According to Whitney, Grammar 6993a, 'fully two thirds' of the RV forms in $y a$ have $\bar{\sigma}$, as if instr ang forma of $t$ or $t$ stems Thas, together with the fact that these $y \bar{a}$ gerunds are not governcd by the laws which govern rhythmic lengthenung, indicates that the varation ig of a different sort It is likely that the gerund ending was originally $y \bar{a}$, and that the la ter regular endung ya is secondary
\$407. In a majority of the varants the gerund occurs at the end of a pada, u striking proof that we arr not dealing with rhythmic lengthening heranyayat parl yoner masadyd (MS ${ }^{\circ}$ ya) ) HV MS ApS vanaspate rasunayï̀ nıyūyā (MS `ya, hS TB rasunayabhzhäya) RV MS KS TD AS N
vitura agne abhyyuy mhatyä (AY TB 'ya) RV AV MS KS TB


mutrat samxpya (MS ary) prthuin IS TS MS KS SB ApS
8458 Instrumentals of $n$-stem.s in na na Id the few variants occurring under this head we nisy allspect that the analogical influence of other inarumiental forme in aid assisted the tendency to rhythmic lengthening of the a There are noly four cases, three of which concern the pronouns teria and ycra, these three forms are mintial in ther pädas In the remaining casp the variant vowel is in the eighth syllable of a tratubh pada, oo that the meter requires a long, which RV has, while SV subatitutes short a aganast the meter In all four casea the next word hegins with a angle consonant, and the following ayllable is short kamr girbhih haryení (SV ${ }^{\circ} n$ ) kavh san RV SV
kné (AV TB Poona ed and MS ed tena, but all mes of MS knā) sahasrahandena AV TB ApS. MS lerva vayam sahastavalsena TB ApS
kena (AV kenä) nayam bhropaunntah syäma RV AV V'S TB ApMB.
yena wahas sahasram VS MS SB yend (KS vena) sahauram vaham AV TS KS Vatt
\$459. Nominatives and accusativen neuter (or nom masc) in ma mad (once, a a) Here the phenomens of noun declenson play a role Sometimes a change of gender is certain or posable (masc a neut a) Sometimes there is a change of number altho the ending short a in the neuter plural is twice as common as d (Whitney, Grammar 4425 d ), nevertheless $\mathbb{d}$ is in a senge characteristic of the plural, and when found there aannot be regarded as merely a rhythmically lengthened $a$, deapite the fact that the ppregularly wntes a Note the fact that twice among the variants it occurs at the end of a pads, where rhythmic lengthening 18 imposaible, and of Wackernagel III 8145 h There $u$, undeed, among the varanta only a angle case (the first quoted) where both $m a$ and $m d$ appesr to be certanly neut ang, so that the lengthenung mut surely be rhythmic (ef Wackernagel III 6145b)
$\$ 460$ The vanant vowel occure in the second syllable of the pada five tumes, in the fourth timice, and in the fifth of a trigtubh once, thus in the first part of the verse eight tumee out of eleven In the other three casea it un final in the pada, and certanly not rhythmically lengthened The following word begins with a angle consonant in every case but two, where it begny with pr-(cf 64433, 464) The preceding eyllable is always long, the followng one is long just balf the time sarma (TA 'ma) soprath darne KS TA sarma yachatha saprathah (read ${ }^{\circ}$ thäh with all mes, of Lamman, NInf 560 ) AV The form must be angular, as the adjective shows, and KS has a clear rhythmic lengthening This is the only indubitable case cyoms (TS ${ }^{\circ}{ }^{m a}$ ) sapladriah VS TS MS KS SB KS MS-BR asoume a change of gender here in oyoman The formula to so devoid of meaning that anything is poeable, but it may be merely a phonetic variant
ayam saharrum dnaso ondharma (ApS ${ }^{\circ} m d$ ) $\mathbf{S V}$ ApS MS Certamly not rhythme lengthening, as it is final in the formula, rather change of gender, neut to masc, in Aps Even the ongmal neuter ${ }_{18}$ used as an epithet ('Weltordner', Benfey)
brahma (ApS ${ }^{\circ} m d$ ) devinim prathamajd rtarya PB ApS Here there a certanly a change of gender (m ApS masc, 'preat of the gods') rasya brahma (AV bhüdandm brahma') prathamola (emended by RWh in AV to prathamo ha) jajie AV TB The difference of accent proves that different genders are intended But the peda is hard to interpret without some emendstion, see Whitney's note
tan no brahmd (TA ${ }^{\circ}$ ma) pracodayd MS TA Mahand Here slso there ts change of gender (MS brahma')
tmikad dhama (MS MS trandiddhamd as one word) un rejalt RV AV SV Ars VE TS MS KS SB The MS underitanda its compound as of masc gender
brahma devaktlam upahilam TS MS TB AS SS brahma deoakrtopahila SB Here the number is changed from enggular to plural ${ }_{6} \mathrm{~S} \mathrm{~B}$
varma (AV ${ }^{\circ} m a$ ) sieyodhwam bahula prthünı RV AV KS ApS Both forms here are plural, and an in the next
yalra gavdm nihud sapla nama (AV ndmd) RV AV Cf prec, note the varation at the end of a pada
tava fravirisy upamany ukthyd (SV ${ }^{\circ}$ ya) RV SV The only case of a n pl La a $a$ not from an notem
\$461. One case of the prepoation acha achd The ongmal quantity of the final a to uncertion, but in RV it is alwaya long except before a pause and in two other cases (Grasamann, a v) One of the two exceptional casea is concerned here Wackernagel II 1 p 131, belheves that achā is nnginal
acha yahy a toahi davyam janam RV achd no yähy a vaha RV 8V We conasder that vahe vahia in thus vanant does not deserve quotation above under final a a in verb furma, because the econd form of the text actually reads wahabh, fuang vaha with followng abhr. The pp, of enurse, alwayg reads short a
(c) Short a as final of sterny in composition, and in analogous oases, optionally lengthened
s462 Just as the general taws of external sandha ane applied to the combination of parts of anoun compounds, and even of stem-6inala with certain suffixes (As uant and enn), so ahort a as stem-inal may be rhythmically lengthened in these conditions And the final vowel of the reduplicating syllable seems to be treated in the same way
f46S The conditions of the lengthening are in large part aumiar to those where $a$ is absolutely final So the $a$ is invanably followed by a angle oonsonant, without one exception among the vamanta But the aurroundung syllables are rather more apt to be long, unstead of short as we ahould expect The precedung ayluble in fact is almost always long in the vanants, and the followng gyllsble is long in nearly half the cases Moet of the vanants are prose, so that they furmish littio evidence as to meter or position in the verse There are Give metrioal
varants of $a$ a before the suffix vanf, in every one the vanant syllable is second in the pada

5464 Wackernagel, who discussea this question in Il 1856 , recognizes an influpace of a following consonant on the lengthemng to this extent, that he finds it especially common before $v$ lf the evidence of the vanants ta to be truated, it would seem that other labial consonants, eapecially $p$ and $n$, exert the same influence, of above, $\S \$ 433$, 460 Nearly all the cases occur before one of these three consonants For compounds of a privative, sometimes lengthened to $\bar{i}$, see $\$ 58469 \mathrm{f}$
$\$ 465$ Preposztamsi in final a, optionally lengthened in composition All the crase arc proge In two nut of three the following consunant is $m$ or $u$
apamatyam apradiltum yad asmt AV (pratikas in GB Vatt Kaus)
 $A_{p} E$ (Metncal in AV, but prose in TB ApŚ)
up̄ivir ('TS ApS upa ${ }^{\circ}$ ) an VS TS MS KS SB lisi Apś MS See pw VIl p 325
prayünilya (VS prü) nuīhi YS TS liSA TB TA On prí, not to be idenufied wuth LL: " $p r \bar{n}$, of $\$ 8429,439$
(prieldiflehz (MS KS pravancona) sajosustih RV VS TS MS KS SB
l'robably to he derived from root pru, rather than pra + vana See $₹ 491$
S468 (;ther compounde The variation occure thrice before $p$ and twice before : The first three cases are metncal, the others prose For vanations of the adverb uttara with the stem uthri in coniposinion efe 5476
aintle dyërūprthuri nünrdhau MS lis imanne dyämiprthai dhrtavrate TS TB And (in sume passage) inttan ('TS annnnau) metrìmaribiau dhytauralau (TS anēv thèvithane) VS TS MS lis SB Note a before $v$ alone, but short. a before ur- (the byllnhle being liong already) Cf $\$ 665$
sahusraposam subhagr (TS * ouá) raräní RV TS MS İS SMB ApMB sahuiriposam sulhage rarind AV Kaus
ide agnm suavasam (AV swivasum) ramobhth RV AV NS TB AS Only the AY truly belonge here, as a compnund of sua with vasu The others have a compound of su with avas
deva samsphdna sahriraposaryeizse (AV sahasría) AV TS sahasiapoparyes; se SMB (Conc quotes the latter agan for AV TS, but it occurs in thicm only as part of the longer phrase )
 all HG dwirn pte, ApMB
[hrhaspatind ráyā svagākftah TS tstagākirakfo muhyam MS Cone suagnk ${ }^{n}$ for MS |
§467. Furmations in vant and vin The variants seem to suggest a tendency for Tait texts to prefer $\bar{a}$ before these buffixes, and Matr texte short $a$, but they are not unaminoua, and are pribably too few in number to justify such an inference it may be noted that almular vananta befure the parallel suffixea mant and mirn have not been observed, we have seen ( $\$ \$ 238 \mathrm{ff}$ ) that they dad not occur originally after a vowele The first five variants are metrical asuavat (RV ásuī̀) soma tiravat RV SV VS
indravanto (TS indrá) maruto vipiur agnih RV AV TS KS $\dagger 40$ 10b

puspavaih (TS ViDh puspd ${ }^{\circ}$ ) prasūvarih (TS ${ }^{\circ}$ vatih, AV KS ${ }^{\circ}$ matith) RV AV' VS TS MS KS
srkaihastn (TS KS srkñeanto, MS spoamato) mivañginah VS TS MS KS
 suavin brhad bhaih MS
 PG ApMB
 TS mätuman varsann ugra ràvat swithē KS

 ${ }^{2}$ druyauar miryavan) Bhüyasam TS MS indrasynham deyayajya-

justam derebhyo hamjam ghrtävat (TS ghptavat suntai) TS MS
 euti) prtheryath sadhushe Vs TS Mis lis in And so with

 tui donir All in same texte, Matr alwisy ruadiug unsocienya ${ }^{\circ}$, the others " $v y \tilde{u}^{\text { }}$
[oomam te krīnāmy ūrjasvantam payanvartanı viryāıantam TS KS Cone viryavartam for TS I
\$468 The reduplacateny syllable Two cases, in both the following consunant is $m$ or $v$
trita etan (AV trhe enam, conimi ciat, real thin or encun) manustrsu maimpe (AV mampe) AV TB The AV form te more neual but bad metrically, TB (probably secondanly) improves the meter by using the stem māmry- (found RV)
sucando agntm davedhanta (AV vāi) indram RV AV KS The regular form is $v a^{0}$, but forms with $v a^{-0}$ are found in RV
(d) Final $a$ optionally shortened to $a$, and other $a d$ ether absolutely final, or in the seam of compounds
\$499 We group here a vaned assortment of cases which complete the hat of what inay be called in a large sense 'final' a a Real phonetic shortenng of $\mathbb{a}$ is not common In most of the following varianta both short and long a can be juatified morphologically We begin with an intereating group conceraing a privative und the preposition d Some of these concern lengtheninga of a privative and properly belong in the preceding aections, but are mentioned here because of their sumilanty to those which involve the preposition $\bar{u}$

S470. Thus, it has long been recognized that the RV form a'deva, 'godless', is the aume as ideva, which varies with it in two of our variants, one of which occurs in both forms in RV itself A somewhat dubious theory on edeva, rejected by Oldenberg, Nolen on RV 649 15, is put forward by Wackernagel II 1 p 131
unsa adevir abhy cinaudma RV vóo adevir abhy icarantīh RV AV AB bhumad (SV uhuvo) ušvam abhy àdevam (SV ad ${ }^{\circ}$ ) ojasē RV SV Here the a may be due to the tendency towarda an anapeat after the cesura, with short $a$ we have a tribrach
$\$ 471$. Leas certan cases of lengthening of a privative are adayo (TS addyo, MS àdāun) virah (AV aulaya ugrah) balamanyur indrah RV AV SV VS TS MS KS In pw I p 297 it is aund that ©daya is an error for adaya But the pprpeate the form, it might be interpreted as 'taking, Beizing', from $\bar{a}-d \bar{d}$
yaud ayavé ūme abdah (KS yovā dyaví ūmé tevd abdas) sagarah sumekah MS KS MS ynıá ayāvā evī ūmàh sabdah dagarah *umekah TS ApS The forms yava $(n), y \bar{a}^{\circ}$, and ayava $(n)$, ay $a^{\circ}$, are used with kreat confusion, but the $u$-seems to be felt as privative, the $\psi$-forms deamate the firat half of the lunar month, the ay forms the later half The form with iy ${ }^{\circ}$ is not noted except here and in the next, it seems to be equivalent to $a y^{\circ}$
sajūr abido (MS* abdd) ayaunbhih (TS ApS 'yavabhzh, MS MS āya-
 preceding
$\$ 42$ In the next we have a clear case of the preposition $\bar{n}$ varying with a privative yam upindm upasidanty üpah AV yäm apità upntisfhanla dpah LS
'Whom, fattened, the waters wait upon' 'whom the waters, undrunk, wat upon'
$\$ 473$ In the rest, real phonetic shortening of $a$ seenis at least posable, especially in the couple of cases where it occurs before conjunet congonants, ef the similar law in Păh and Praknt ( $\$ \S 393$ ff) The words are however largely problematic, and in aome of them a privative may be involved, so in the first
svastidi aghrnih (TB TA agh ${ }^{\circ}$ ) sarvauirah RV AV MS TB TA This familiar epithet of $P$ usan certanaly contains the preposition $a$ The form aghrnz as recorded in no lexicon Comm on TB desperately takes the a as privative arodhavyartiptih (') The comm on TA vanes in diferent mes, one reading is agatudiptit (taking $a$ as $=\bar{a}$ ) The reading adopted in Poina ed 18 aritptah, asmasu anugrahin, which is not utterly unreasonable, cf the classical aghrnin (pw II
 §300, where the yet different form angipmi occurs, and is certainly a phonetic variant for ajghrnt
áklesā (TS dsresn) naksatram TS MS KS Nume of a nakpatra, more eommonly nilfena, both these forms are othcrwige unknown BR denve askea from a privative, but fisksa ( $\alpha b r^{\circ}$ ) from the prepoation $\bar{a}$, this 16 hardly credible The two forma must be of the same ongin, one a phonetic vanant of the other The prevalence of $d$-forms suggests that $a$ - is a chase of ehortening before t.wo consonants
 RV MS TB AS The word is obscure, askra seems to be otherwise unknown Comm on TB abhomukhyena karlarah sanlah, which unphes à and aupporte BR's denvation from a plus root (s) $\mathrm{kr}_{\text {(Sāyana derives from } \mathrm{kram} \text { ) This would then be another }}$ case of shortening before a two-consonant group
$\$ 474$ There are three other cases which would be counted as rhythmic lengtheninge of a privative, but for the fact that they seem to be mispnots ur textual blunders The if forms occur each time only in TB Bibl Ind ed, and each time the Poona ed reads short a in text and comm without report of variant, agreaing thus with the other texta
 'For mufortune '
ayddham (TB Conc as ${ }^{\circ}$ or $\bar{a} \xi^{\circ}$ ) yutsu prtanßsu paprim RV VS VSK MS TB AS SS 'Uncnnquerable'

$\$ 475$ Next, a few cases of final $\delta$ of feminne stems, optionally shortened to $a$ in composition and before vand They hardly confirm, but are not numerous ennugh to dispute, the statement of Wackernagel II I \$5be that the shortenng is apecially common before consonant combinations and in the neighborhood of long ayllables Perhaps by chance, a labial conhonant followe the vowel in nearly every case nämkavate (TS "kavate) suähī TS KSA
amáyin màyavattarah SB māyām mxyāuntlarah AB
idaptajaso (KS idå) manatich TS MS KS

${ }^{\circ}$ prstherlarajañghi") mue sudhyantām TA TAA MabānU
ūrnamradasam (TS TB ApS ūrnií) tıī strmūmı (KS ūrnumradah prathasva, Kaus ūrnamradam prathasva) svāsurtham (VS $\dagger$ SB $\dagger$ ${ }^{\text {a sthäm }) ~ d e v e b h y a h ~ V S ~ T S ~ I i S ~ S B ~ T B ~ K i S ~ N a n k ~ u r u ~ p r a t h a s-~}$ vornamradam swīsastham devebhyah MS
$\$ 476$ The adverb uttario varies with the adjective stem uthars in compoestion
metrímarunanetrebhyo tā marunnetrebhyo vī detehhyo uttaràsadbhyah (VSK uttara ${ }^{\circ}$ ) avaha VS V'SK SB
ye devà mitrüvarunanctrà ví marunvetrà vottarnisadas (VSK vottara ${ }^{\circ}$ ) telohytah stühion V'S VSK SB
$\$ 477$ The rest are sporadic The atem asta astd belongs with noun fonnation rather than here, $i$ occurs in the regular inflexion of the stem
 achie acha, $\S 461$ Otherwise we record here only the form veniha or ${ }^{\circ} h n$, and a couple of lexacal variante
 bhesaji) V'S TS MS KS (Cf vratain raksantı vi.surthā et.c, §̄̄11)
The reading of MS p p sumgesta intercutugly that we may have a rase of shortemng for the sake of rhythm or meter (note surrounding long ayllables) If the prord is a compound of insea and ahan, as Grasemann beheved, the variation would rather be one of noun declension (ncut plır in a $\overline{\text { in }}$, ef $\$ 5459 \mathrm{f}$ )
atı vā (AV' atitu) yo maruto manyate nuh IRV AV vā vea
yod indru cutra mehana (SV PB ma thu na) RV SV PB AS Sis N See $\$_{8} 832$
athem ava nya ( $\mathrm{A} V$ athemam asiyū) vara à prthzorioh AV TS AS SSS MS
'Then set hum free upon the chole spot of earth' 'then hum upon the cholec apot of thes earth

## 2 Non-final $a d$ in verb inflemon

$\$ 478$ In vanous verbal stem-formations and a few verhal inflexional forme, a medial variea with $a$ Rhythmic congiderations play a part in some of theae, notahly in the well known variation hetween dya and aya in denominative stems (VV I p 155), with which must properly be claseed verbal adjectives in $u$ from denominative ateme, showing the same shift
devain devayale (TB Aps MS devā̃) yaja (MS yajamānōya suähā) RV SV KS TB Aps MS
agne prchi prathumo devayatīm (AV devatīnim, MS KS devàyatàm) AV vS TS MS KS SB The verse 18 meant for jagati in all except $A V$, meter favora devã ${ }^{\circ}$
apinudo janam ametrayantim (AV amitrā${ }^{\circ}$ ) RV AV TS KS devayuvam (TS TB deví ${ }^{\circ}$ ) míviliàraim ( $\mathrm{A} \mathrm{S}^{\circ}{ }^{\circ}$ re) TS SB TB AS SS denir apo agreguon detayuvam (VSK demī) IS VSK SB
$\$ 479$ Similar conditions exist in the radical byllable of the causative (VVIp 15.i)
 MS
 (v I $1 i^{2}$ ) dues n amat MS yavayinamed aghi duesãns: TA
 The pp of MS has y fimaya
tatra havyint frimaya (KS ga ${ }^{\circ}$ ) RV IS TB ApS mS But von Schroeder reade grimaya in KS with none of hat three mas
$\$ 480$ There are shifte between atrong and weak perfect atems which involve this variation, see VW I p 187, to which our firat vanant should be ydded
 MS crakara) janfhhyah MS TB TA 'These are firet pereon forms, so that ether $a$ or $\bar{u}$ z permiesible by regular grainmar
yat sāsahat (SV sisisihī, KS ted.ähat) sadane kum rıd atrınam RV SV Ks
bibheda valain (AV AS balam) bhrgur na sarähe (AV sasahe) AV SV AS SS The is 19 probably due to the meter here, in the middle it is highly irtcgular, tho not unknown (Whitney, Grammar §793h) But the AV form it itself not regolar, it should be sehe aván cägne tanvanc (TA tanuvam) piprayasua (AV piprio ${ }^{\circ}$ RV AV TA Maband See VV I p 187 The a here disturbs the meter, but 19 otherwise bardly much worse than the rival form
$\$ 181$ There are a number of cases of agmatic aoriata contaning a or $\AA$, or bugatic annata with $\bar{a}$ varying with other aonsts or presents un medial $a$ They are mostly collected in VV I pp $128 \mathrm{f}, 188$ On the latter page, under 8277, is to be added the following änyauakīd (VS anyī vaksad) vasu viryānı VS TB Cl also prieviuditd (Aps grivi vaded, mo KS ed, with $v 1$ as Conc) abhı somamydntutn (ApS "iuri) KS ApŚ
$\$ 482$ Subjunctive furms with an ending containing $\delta$ often vary with indicative or imperative (injunctive) forms with endinge containing ahort a They hardly concern phonetice, and can be fóund in VV I, in the appropriate places ( $88117,124,137,152-4,167 f$ ) Nor ahall we list here the different modal forms of the roots dd and $d$ he which ahow alternatively u and a (VV I §193), or augmented and augmentlesa verb forms in initial $\delta a$, VV I pp 180f, and elaewhere, of which the following may be mentioned here as examplea
ayann (ГВ ApS dyann) arthdni krnavann apains RV KS TB ApS ahd yad dyä̃o (AV devā) nsunūtım ayan (AV dyan) RV AV dyan 18
imperfect indicative, ayan subjunctive
There are yet other variations in verbal endings showing this shift We shall quote only one of the dual endings -tan and tam, 2d and 3d persons, which should be added to VV I $\S 337$

10312c, TS KS SB Subject voc in VSK, nom elsewhere Surrounding pädaa have 3d person verba

## 3 Non-final $a \bar{a}$ in noun formation

§483 In this clasy nearly all traces of rhythinic or metrical influence dieappear, the variants are almost excluavely morphological (occasionally lexical), and concern phonetics only to a slight extent Yet even here it is hard to rule out altogether phonetic conaderationa Our volume on Noun Formation will deal more extensively with thas group
$\$ 484$ Mnst of thein fall into two classea First, there are vamants in which two pmmary noun formations interchange, one having $a$ and the other a in the radical syllable, the suffix being uaually tho not always the anmie Included here are some obscure words of doubtful ongin, where the oniginal form is uncertain and the vanation may be phonetic in aome sense Second, there are cases of variation between secondary formations with the vaddhi of secondary denvation and other, primary or secondary, formations without this vriddhi The diatinction between the two classes is not always clear or definute

8485 Under primary formations with radical $a$ or $d$, we may call attention first to a number of vanations between the steme yava(n), yavas, ydv $v^{\circ}$, and $a y^{\circ}$, $a y^{\circ}$, to which attention has already been drawn in 8471 The onginal form of the word in question is unknown sajūr abdo (MS *abda) ayavobhth (KS dy', TS ApS 'yavabhrh, MS MS ayavabhih) Vs TS MS KS SB ApS MS
 eva (1mih mbdah) sagatnh sumekah TS MS KS ApS MS yauāndm (TS yivv) bhago's VS TS MS KS SB ayauāním (TS ayäv ${ }^{\circ}$ ) бilhıpatyam VS TS MS KS
 cüdhrputyam àsü TS
$\$ 486$ Rather numerous are cases in which the primary auffix $a$ w used with well-known roota in forming prmary denvanves with enther a or $a$ in the rnot gyllable, type bhaga bhaga They call for no comment suihagamkarani mamn AV subhdgamkaranam mamn EMB Most samhtrà mes of AV subhäq ${ }^{\circ}$
mä̀m agne bhügınam kuru ApMB maìm ındra bhagınam krıu AV
 brhantah VS TS MS KS SB Kaú
 ${ }^{\text {© }}$ Sadàya) ca VS TS MS KS
 ApS MS pratahuaint is the only form known to RV, but the other is commoner later
pratah prituhsabagyendriya (ApS MS ©savasyene ${ }^{\circ}$ KS ApS MS früvas (VS sravaf) ca me Sruths ca me VS VSK TS MS KS traval might be taken as an $s-$ stem, but not frauas
kpuro bhrajas (TS bhrjwiñ, MS uhrjas, VS bhräjas) chandah V8 TS MS KS SB bhrajas (KS ed tbhra ${ }^{\circ}$, v 1 bhra ${ }^{\circ}$ ) chandah VS (in next verse) TS KS (in eame verse) SB Comm on VS bhrajas for bhra ${ }^{0}$
vahnih aamtarano (TA sampärano) bhava VS TA Different but synonymous roots
\$487 Forms in prinary ya, practically gerundives in meaning yad bhütam yac ca bhavyam (AV "ArS VS tha ${ }^{3}$, AV "yad va bhävyam) RV AV (bis) ArS VS TA Gomin on AV and Ppp bhav ${ }^{\circ}$ Metrical lengthening, possibly
ullarneydm devayajyäyãn upahütah (TB also ${ }^{\circ}$ ū̄) TS SB TB upahulo
 yàm) MS AS SS

## $\$ 488$ Forms in other suffixes

havanabrun (TB hivanabriēr) no rudreha belhi RV TB hovana- is not otherwise recorded from ront $h \bar{u}$
düsikabhir hródunım (KSA $\dagger h r a^{3}$ ) TS KSA hrī̄dunīr dūvikabhıh VS MS The word 18 not otherwise recorded with short $a$, if KSA is correct, it has probably suffered analogical mfluence from the aphere of hrada
divēcarebhyo (MG ${ }^{\text {coirithhyo }) ~ t h u ̈ t e b h y a h ~ M G ~ V I D h ~ a h a s c a r e b h y a h ~}$ SG (Sc namuh in both) Also naktancarebhyah SG VIDh naktamcäribhyo bhütetihyah MG Stems cura and cartin
tatant me apas (TB ApS ma appan) tad u tagate pınah RV KB TB AS Aps Both apar and nipas are Kigvedic
vratän (MS TB ApS vratínu) bebhrad vratapū adabdhah (TB SS Aps SG adabhyah) MS AB TB AS SS ApS SG Here the gerundive vanes with a participle
$\$ 489$ The reinaming variante under this head are in some way or other doubtful or obscure, but seem generally to be pnmary formatione, occasionally they may be lexically different in origin
adayo ( 7 S adēgo, MS ädíyo) virah (AV ed witb ppadaya ugrah, but. mes adri', und so comm ) intamanyur indrah RV AV SV V'S TS MS Kis On the initial is of MS see $\$ 471$ The second $\bar{u}$ is anomalous if the word mimans 'putuless' (60 AV comm) Possibly 'without ashare' (diya), the this fite none two well For other suggeations aee Keith's tranalation of T'S and note
 bäghin) VA MS ApS Cf 2219 The word te ohoceure, is the id somrhow connected with the euppreseion of the zecond syllable in Apś?
Dąpal Apsí cusalkūrah AG SG If Garbe's conjecture te nikht (all mes of $\mathrm{Ap} \mathrm{S}_{\mathrm{i}}^{\mathrm{va}} \mathrm{a}$ (l) it is a deliberate and artificial vamation of the famblar exclamation vasal
 VS VSK MS pänktrah (KSA $\dagger$ pänktah, hut mes of both texts
 TS KSA Sce $\S 77$
hemurutīya kakurän (IiSA $\dagger$ kahãrāru) V'S MS KSA ApŚ Name of an unknown ammal or bird
 KSA ApS]
đastīm jalina (KS jalma) udaram sransayztmū (KS srans') AV IiS
nakro makarah kultpayay (TS kullkayas, MS pulikayan, KSA pulirayas) te 'kūparasya (KSA † küvarasya) VS TS MS KSA Read kūārasya in KSA , see § 198
sanderathas sandıkera ulūkhalah ApMB kāndîkera (PG saundıkeyu) ulükhalah HG PG Faneful names of demons
 ed to ${ }^{\text {º }}$ kas te matriäh) TS ISA sairguh srjayah sayändakas te maiträh VS MS The word say ${ }^{\circ} 19$ obscure, and may have been onginally a compound
tüsä stha V'S TS Śs TB ApS masīh stha MS KS MS Addressed to watera rā̂sd probably 'bellowing' (BR and Keith 'obedient', implansibly following one of Sāyana's gucsses), vuSāh 'cowe' It ıs held by zome that vasia 12 connected mith the ront. vās, 'bellow'
§490 Coming to secondary noun formations, we find firat a number of eases in which two gecondary eterns exchange, one havng vinddh in the first syllable and the other laching it
 rijubändhavaih (MG ' ${ }^{\text {cypah }}$; l'G MG sarvas ca rijabändhavīh (SG + 'bandhauath) AC. SG (Oldenberg suggests reading ${ }^{\text {º }}$ ih in SG ) Alternative stems banulhava and binio, buth from bandhu
 office of the $\mu$ rasisist 1 is prasistra or $p r a^{\circ}$
dıy am suparram vìyavam (AV payasam, KS V'S SB TS* vayasā,
 Suparn väyava and va both 'bird', vayasé is instr of the unrelated meyas: 'strength
 mee part ${ }^{\circ}$ ) VS TS MS KS SB TB ApS MS In the Talt textz a seeondary adjective paryatya, in the Maitr achool an equivalent parvila, the forn purvatī must also have the ame meaning (Mahidhara seems to explain it as having 'Vedie' shortenng), it ia too well atteated to make emendation advisable See next pralt tevi parvalī (TS ГГ ${ }^{\text {ottr, MS KS MS pāryatī) vettu VS TS MS }}$ KS SB TB MS See prec Twice in KS, once the sole mas has paro ${ }^{\circ}$, the other tinie piirv ${ }^{\circ}$, but KapS puru ${ }^{\circ}$
gārḡ̆ (AG gargī) väcaknavī (ac trpyalu) AG SG Patronymica, gārgi is to be expected Sce next
sakalyam SG saknlam AG (with hoth se tarpayāmı) Read no doubt sakalyam in SG (mıspint, Oldenberg'a tranalation has Säkalya) Cf prec
ya anlariksah (sc sarpds lebhya imam balım haramz) HG ye sarpdh parthwd ye antanksya ye dioyā AG
odyur na idila iditamyar devarr antariksyaih (ApS antariksaih) patu KS ApS
angipansm (SV angogrtam) avduadanta wainth RV SV The SV form in this and the neat is dubious
añoinyam (BV añogrrain) pavamänam ankhayah RV SV Cf prec metdyc vardarvàya ("uyãya, dārudya, vautahavydya), вee 8315 subarnastarnyam avrdlyam (RDh auratyam) ViDh BDh Perfect equivalents
nardbanse (V8 ndro somapilham ya asuh (KS anatuh) VS MS KS TB It is at least conceivable that nardiariag, as name of a certain hbation, is a secondary denvative without vnddhi
[narasanas stavzyate AV AS SS In the Berlne ed of AV 18 printed the false emendation $n d r a^{\circ}$ ]
slyaucant manave (RV TA manuse, KS mänuse) dasasyd (TA "rye, TS MS KS yasasye) RV VS TS MS KS SB márupa of KS = manusa of TA (manuse in RV is dative of manux, a more primitive form, all ultimately connected with manu, whence the dative manave)
agnld rajanarauhinau (so ed, v l räjaº p p rajan, rau ${ }^{\circ}$ ) purudabav adhtraya MS A name of a saman, see note in MS, and BR a $v$ rajana, which seems to be the true form, rajana would perhaps be an equivalent formation if it were acceptable
yakpmant tronıbhyim (ApMB stoni ${ }^{\circ}$ ) bhisadat RV ApMB yakpmam bhasadyam sromibhyäm bhāsadam AV
aranydya (MS arandya) s marah VS TS MS KSA Both mean 'of distance'
kalpayatam mänurih TB ApS drihanesm davivir vikah kalpardam $\dagger$ manupydh KS
achinmu divyas (KS ApS dazvas) tantur md manusas (KS ApS manusyat) chedi MS KS ApS
brhaspatir devandm (SS dazvo) brahmaham manupydnām (SS manupah) VSK TB SS KS ApS MS
F491 In other cases a secondary formation with vaddhi of the mital syllable vanes with some form of the promary word from which it is denved, or with a related word
tunam whath sunam narah (TA nirah) RV AV TA narah, plur of nr, ndrdh, plur of nira, from nr or nara
namas te rathamtardya (AA rath ${ }^{\circ}$ ) AA LS SS Both words refer to
the Rathamtara saman, AA forms an adjective from the noun rath ${ }^{\circ}$, with samne underatood
bhuraram ast sahasram (MS "sah", SG sahasraposam, MS "sahasraposapur, ApS sahasraposam pura) MS SMB ApS MS SG Probably read sichorram in MS *, note that MS has this
vayosdintra (TS pp itrah, MS wayuantrbhyam) doomugbhydmi caruh (MS payah) TS MS KSA Both = 'of Vayu and Savitar'
lasmà brahme ca brähmdés (TA brahmā) ca AV TA
rísdm amıtro (TB nainā amıtro) vyother ā dadhargatı RV AV TB $\bar{a} m i t r a=$ 'belongeng to the enemy (amitra)'
agnes tur (MS agnes fud) mätrayd jagalyaz (KS ${ }^{\circ}$ tyā, MS jngadya) vartaryd TS MS KS 'with the path of the jagati' or 'wnth the jagatl as path' KS v l japadyd
jagad asi MS MS jdgatam asz MS TA ApS jdgatdsı MS jagato'si MS MS All 'conipoaed in jagatì meter'
prabhiyd agnyedham (TB dgnendham) VS TB The TB form 18 problematic, commi auneh prajualanakartīram, which would make it equal to agnyedham Should we read agnyendham, 'hanng to do wnth fire-kindlung'? Or agnindham?
sadyahkris (ApMB sidyaskrif) chandasd saha SG ApMB sadyaskri (nusc '), name of an ekảba The ApMB form would seem to be a aecondary denvative, but in that case would have to be fem, and there aeeme to be no fem noun with which it could agree
prāvanebhih sajosasah RV VS TS SB pravantena sajo̧anah MS KS The á $\lambda_{e \gamma} p_{\text {rä }}^{0}$ is doubtful, Gragamann as aecondary adj, '(fires) of the abyar' But RV pp prav ${ }^{\circ}$, posably rhythme lengthening (note that the following consonant is $v$, of 8464) The primary word 18 probably to be denved from root pru, tho it has been interpreted as a compound of $\mu$ ra and vana, in that case it would belong to $\$ 465$
safbuatīhyah (AV Apsi and TB Poona ed sas $\mathfrak{i}^{\circ}$ ) samiobhyah AV VS TB I 能 ApS The adjectıve särvates $=$ sasual, fem forma of both yadz varunasyāor Kaus yadz vātuny asi Rvidh ApG yady axı vārumi GG
yathā yamāya harmyam (TA hác) AV TA, und
eva (TA evam) vapdmz harmyam (TA hí) AV TA hdrmya 18 recorded only here, and may uean the aume as harmya, or be a corruption of that, but TA takes it as a secondary add, 'surtable for the house', supplyng a noun, and this is also poseible
sūpasthí asz vānaspatyah MS sūpastht devo vanaspath TS ApS
 adhyakydydnukfattaram TB tādhyakpydydnukpattdram VS
somn vargravo rāja (AŚ SŚs somo volsnavas) añgıraso (AS tāngo, SS anguraso vedo) wedah SB AS SS 'The Afgirashs (ie, the AV) are the Veda', so SB The others mean the aame thing 'the (Veda) of the Angrasas'
$\$ 492$ There remain a number of other cases which seern to concern noun formation in a broad sense First a group of varianta between durayana und $\bar{a} g \bar{o}^{-}$, namie of the firat soma offering at the Agnostoma, which is apparently denved from agra, the $\bar{u}$ may be rhythmic in eharacter The variante seem to aupgest a preference for the $\bar{a}$ formi in MS MS and KS, with short a elsewhere nedhanavada aprayanah (MS KS agrã ) VS TS MS KS SB dgrayanas (MS KS agrá) rame VS TS MS ISS
dgrayandt (KS MS agrão) trennuntrayastrintin V'S TS MS is KB
 MS $\mathrm{SB}_{\mathrm{B}}^{\mathrm{MS}}$
agrayunus te dakgakratū pãte asuu AS âtmírum ta aggràyanah (ApS $\dagger$ tagı $a^{\circ}$ ) pätu MS Apsí
$\$ 493$ When rools coning in a are used as final paris of compounds, the 1 is frequently shortened, bringing the word into the common a declenaion
 devebhyah VS TS KS SB TB KS Kaue ura pruthasvornamrudam suäsrustham devebhyah MS
 MS LSSBTB MS ApS
yuvè kanh purunistha (KS =sthí) rtāva RV TS MS lis

 yo divinnäm nämadhd (AV a'hna) ekn tia (KS eko astı) RV AV IS TS MS KS
adabihn grodh (KS tgopah) parı pähı nav luım (KS parı pälu unstraha) HV TS KS
pravāyohne har jınua MS pravayōnāhar jınea VS The MS form 13 suspicious in the light of the surrounding parallel formulas, which are instrumental in form If correct it is a dative from pravia, VS has inutr of pra-uI The root is edo, 'blow'
$\$ 494$ Other vamunta involving diferent related or quasi-related noun stems
aprajastam paulramptyum ApMB HG aprajasyam pautramartyam SMB aprajaztpant martavalsam AV On steme prajas and prajas ( $\operatorname{prajā}$ ) вee Wackernagel II 1 p 95 f
su tva manmarasānt karotu (ApMB ${ }^{\circ}$ sam krnotu) PG ApMB 'He shall make thee (fem) me-munded' Stems man-majas and man-manasa
agnir adhyaksah (TA ©inh ) MS TA 'Agnu 18 overlord' There 18 no apparent explanation of the anomalous ī of TA, as if from stem adhyakinal It is repeated in the comm, with gloss stami
salvanaìn (MS salvänän, KS †saltvānãm) palaye namah VS TS MS Ks Stemia atyan mad sattera, MS has a ball writing for sathi, ef $\$ 392$
${ }_{2 m a ̄ m}^{n a r a ̄ h ~(n a r a h) ~, ~ s e e ~} \$ 323$ Nom pl of stems nara and mir tistah hisnpas (TA $\left.{ }^{\circ} p a ̄ s\right)$ trer ahñtevrajadbhih RV ГА Stems kyap

täbher (TB yabher) yūsz dütyoùm (MS ${ }^{\text {ºnam }}$ ) sūryzsya RV MS TB Stema dutya and 'ya (Pıschel, I'St 1 22, Oldenherg, Nolen on 658 3)
cupne prthivīnats yaruna dharmanām pate TB agne prthuyñ varrura dharminaìm $\mathbf{K S}$ Steris dharma and ${ }^{\text {man }}$ (Also histed in Cone under raruna )
\$496 The numeral for 'eight' has etem final, in declensional forms as well as in composition, ending in both $\bar{a}$ and $a$, the former predominatea earher, the later in the later language, of Wackernagel III p 358 f



laynaye gayalraya trivite rathamturayāstakapūlah (with varr) VS TS MS liSA All textancyta ${ }^{\circ}$, Conc asta for VS
§496 A couple of doubtful cases
samulrasya tvavakayia (TS ApS imava') VS TS MS KS SB ApS NIS avaka, nume of a water-plant, from ava, atäka preaumably the eame, perhapa with rhythmically lengthened $\bar{a}$ before suffix $k a$, ef eimilar cases before vant and mn, 8467 , and Edgerton, JAUS 31118 , where thas should in that case be added Buchtlingk, 'die untere Fihant.' for avakā, evidently thonking of avil( $\bar{n}) r$, Keith, 'wind', we sec little reason for either interpretation nurtim nerjarjalpena (MS nerjalpena, TS nerjälmakena, KS ner-julmäka-) tīrg̣uè VS TS MS KS Obscure word, sec 8510 TS comm, followed by Keith, 'bald'

## 4 Non-final adin Noun Declenaion

\$497 In mflexonal forme of nouns the shift between $a$ and $\delta$ is regularly accompanied, and no doubt wholly determined, by morphological or syntactic changes Rhythmic or other phonetic conaiderations enter in hardly at all We begun with purely formal shifts, not accompanied by change of ayntax, that 18 , the varant forme are felt as of the same case, number, and gender
$\$ 498$ Furst, the forms apas and apas are frequently merchanged as nom and acc of atem $a p$ (Wackernagel III p 240) fam no bhavautu ipa oyadhayah ( 6233 apa ozadhīh) fuvih AV 236 , 6233 But mas at 236 aleo apa (comm dpah), which Whitney's Tranalation reatores, and this despite the fact that both forme are nominatives' The ahortening may be influenced by the meter, It furmishes the desired anapeat after the ceaura
 (JB tardrsam, AV ardyısam) RV AV VS TS MS KS SB TB JB AS LS ApS MS ApMB ApG MG Here the form 16 accuative
g499 Steme in $d$ do not usually show ablaut in the atem ayllable except in the case of pad, which shows some fluctuation in compoation and in case-forms (Whitney 8387 4, Wackernagel III p 235 f) The vananta present a couple of casea of this atem, and also one of sad, not recogmzed as lengtheming the atem a by Whitney $\$ 387$ or Wackernagel III p 237, foot
dezpac caluspad (SV denpāc culuypàd) arjuni RV SV
dinpar: caluspad (AV VS Kante derpde caluspad) asmakam RV AV VS VSK TS Kauß
caıuspadām uta yo (TS ca) dııpadàm AV TS catuspida uta ye dvıpädah KS MS Here the ablaut is regular, different case forms underi dad dakpinasat (AB AS ${ }^{\circ} n d t, S S^{\circ}$ lah, LS $\left.{ }^{\circ} d h a k\right)$ VS MS AB SB TA AS SS LS ApS
§600 T'wice Tait texte present vind hi-grade forms of pitr in the bahuvrihi compound dakga-pit, which Wackernagel II lp 101 (cf also III p 200) properly comparea with turi-pildarah sulaksd dakyapitard (TB ${ }^{\circ}$ Idrā) RV TB
ye devà manojđtā (MS KS MS manu') audaksd daksapiaras (TS $\dagger$ ${ }^{\circ}$ (atas) TS MS KS BDh ViDh
§601 Of $n$-stems, there w one case of nom pl utyanah (Wackernagel III p 267) replaced in a later text by the more regular-seeming urpinnah utsanah (TB vtydnah) samadhimahi RV AV SV 太B TB
§601a. And once a form with urregularly lengthened a, pasumanth, from a mant stem (noted RPr $589=930$ ), 18 replaced $u$ SV by the regular form.
mileva sadma pakumenti (SV omantr) hotd RV SV -Simularly ava dronanz ghtaudnt sidu (SV ceant roha) RV SV

8502 As to s-atems, the ending as in the neuter nom -acc of adjectives may be lengthened to às (Wackernagel III p 288)
sarmd (TA ${ }^{\circ} m a$ ) saprathd aurne ISS TA sarma yachathe saprathah AV But all mes of AV 'thaih, which should doubtless be read, comm ${ }^{\circ}$ thah
yarkh nah (AV yachāsmar) sarma saprathah (AV VS KS TA ApS ApMB HG ${ }^{\text {athäh) }}$ RV AV VS MS KS TA ApS SMB HG ApMB N
nsdm agnim atthım suprayasam (KS ${ }^{\circ} y d s a m$ ) RV KS The meter favors a long, and thas may be the reasnn for KS's secondary reading, $v$ Schr emends to "yasam, rether rashly, we think Cf Whitney $\$ 415 b, 2,3$ (But Wackernagel III p 282 dentes as to other words than usas) Oldenberg, Noten, denies ground for emiending the RV, which is unquestionably conservative and wise, but the meter $1 s$ nevertheless poor, and he offers no explanation of it ayn sar (во read, MS ayäh дan, KS ms ayäsä, ed emend ayds san) manasa hitah (MS kytah, np ktluh, KS krtah) MS KS TB ApS ApMB HG ayāsā manurí (AS vayasí) krtah AS SS ayasá manasü dhflah ApS ApMB HG See next
ayd ban (MS SS ayäh sar, KS ayìs sar, Kaus aydsyam) havyam ühıse MS KS TB AS SS ApS Kaug ApMB HG ayasā ha ${ }^{\circ}$ $\bar{u}^{-0}$ ApS ApMB HG The old adjective ayds becomes ayas in oblique casea in some secondary texta, a natural change owing to the rarity of atems in $\delta s$, and to the agreement of the nom form with noms of stems in as See Geldner VSt 3122 n 5, Neisser, ZWbch $d R V$, в $v$, Wackernagel III p 282
§603 A couple of macellaneous equivalent noun forms
agne yan me tanvd (TS tanuva) ūnam (SS yan ma ūnam tanvas) tan ma a prna VS TS SB SS PG Abl-gen bing of $u$-tem
anadunis topyate vahan (MS talpate vahän) ApS MS The passage of MS is unpublished, if correctly reported, the ending of the nom sing pres pple would be lengthened by analogy with mand and vant stems
$\$ 604$ Concerning pronoun declension, we have one case in whinch the dual atem yuva- is replaced by the later yura-
ath somasya prayait yumbhydm RV adh a nomasya prayali yuvabhyām KS But v 1 of KS yuva ${ }^{\circ}$
8506 Coming now to forms involving some syntactic ahift, we find firat exchanges between furma of masculine and feminine gender in adjectives modifying nouns of common kender
avdm (MS KS zuam, MG sure-) yonim garha swīhā AV VS TS MS KS
SB MG yoni may be masc or fem, the Tait achnol makes it fem in all the variants
agrue suam (TS TB reinm, ŚB tvam) yonım ā sida sādhyd (VS SB südhuy(̄) VS TS MS KS SB TB See prec
nvam (TS svänt) yomm thdsodah VS TS † MS KS (No svam in TS) yajño bhüteū yajñam à nida sràm (MS smam) yonmm TB ApS MS (rudmkyts (KS svanio 'st VS TS MS KS SB KS ApS MS Here
both forma are quasi-adverbial, in a compund verb form ]
 lis SB
mā mil (KS mūm) henstitam svam (KS yat suam) yonim MS KS
 munnam heñszfam svam yomem AB sa no dadūlu tam (AV tām) rayım AV AA SS rayz, masc or fem athamabhyam sahaviriom (AV VSK MS KS ${ }^{\circ} \mathrm{ramn}$ ) rayım däh AV vS VSIi TS MS KS HG Cf prec
 divam (MS divah) VS TS MS TA ApS MS
 $i_{\text {§u }} \mathrm{m}$ or f
$\$ 606$ These are the only cases nutpd of this change dur tis change in geuder of the noun modified (the worde concerned beng yoni, rayz, and div) There are not a few others in which the epithet 18 tranaferred to a different noun, mvolving change of gender These will be treated bour volume on Noun Declension, and we deem it unnecesaary to hat them here We may, however, quate a few examplea of forms in -am - $\quad$ m, wheh are both adverbe equivalent in merning, or of which the form in -im is an adverb, that in -am a masc or neut adjective indremain prahuram (VS TS SB ${ }^{\circ} \mathrm{räm}$ ) $k r d h i$ (VS MS SB naya) AV VS TS MS KS SB
ud enarn utharam (VS TS KS SB ${ }^{\circ}$ rām) naya AV VS TS MS KS SB Vaut ApS MS Kaú
jüvtave pralaràm (RV ${ }^{\circ}$ rain) südhayà dheyah RV SV SMB
drayhlya ayuh pradaram (TA $\dagger{ }^{\circ}$ rā̀n, MG pratiram) RV AV TA
AG MG And uthers, see §575
asmin kइaye pratarām didyđnah SV adhı kşami prataram dìdhyđ̃ah RV AV
§607 In the declenaion of nouns, pronouns, and adjectives there are quite a few case forms which differ from one another only or chiefly in the quantity of an a vowel This 19 , for unatance, true as between the unstr ang and other angular oblique cases of $\dot{a}$-atems, and between the nom masc ang and plur of a-stems, as well as between masc or neut and fem forms, treated in §§sins-6 $^{6}$ We give merely a couple of examplea of these, followed by an exchange between the nom and accus pronouns tuam and tuàm Since this matter doea not properly concern phonetics, we shall reaerve a full list and diecussion for our volume on declension
sura!gā (MS KS surīyā) mütrãj janayarı (VS †MS ${ }^{\circ}$ ta) retah VS MS IiS $\dagger \mathrm{TB}$ 'By (from) surii they generate(d) eeed from urine' euraỵà (MS surā̃yäh) somah suta âsuto madàya YS MS Kis SB TA dihagaedam (KS diksin̄yo havir ngachutam nah liS TB ApS All mass and ed of KS read eo, but it seems that it must he an error for diksay ${ }^{\circ}$
à yat trpar marulo vämañoīh (MS ${ }^{\circ}$ mah) IRV TS MS KS The onginally plural epithet is tranaferred to a angular noin un MS pra randramuis turate ( $\mathrm{TS} \dagger^{\circ} h, \mathrm{AV} \dagger^{\circ}$ mans tirase) dirgham ${ }^{\circ} y \mathrm{y} h \mathrm{R} \mathrm{R}$ AV Ts MS kS N Nom voc
bhaga eva bhagauin aflu devīh (AV $\dagger$ demah) RV AV VS TB ApMB deväh voc pl , devah (lect fac) nomis sing Ppp ms devãh, wrongly emended to devah by Barret JAOS 3588
namuh kytsmuìyutayā (V'SK ${ }^{\circ} y$ atūya) VS VSK Others, § 311 Metatheans of quantity in VS, which sumulatee an metr fem but as really unmentpretable
tuint (TB tvam) riya ubhayāso janannim RV MS KS T'B The conatruction is changed, both readinge are conetruable
$j$ Non-final a a lexical and miscellaneous
§608 In a conaderable group of caved formis with the prepositional prefix is vary with forma beginning in short $a$, of different. origine, of the cases of $\bar{a}$ and $a$ privative, $\$ \$ 469$ ff Firat, cases in which the short $a$ is the augment
vedhrim ab́asala (SV medhim akā̃) sruyp RV SV $\dagger$
ukrdn (TA $\overline{1} k r a ̈ n$ ) samudrah prathame vilharman RV SV PB TA MabănU N Comin on TA akrín ākrianiavãn vyäptavin ägann upāna ätmānam SS agan prānah svargam Śs
dganma ( $\mathrm{AS} \mathrm{aq}^{\circ}$ ) ubsuvedasam VS SB AS
toanma (EV $a_{0}{ }^{\circ}$ ) vitrahantamam RV SV AA SS
urdhvo adhwaro authat (VS SB 'dheara dathat, KS 'dhware sthch, ApS adheare sthat) VS MS KS SB ApS
agnaye samudham ähargam (SG GG ahargam) AG SG SMB GG PG HG ApMB
yad gharmah paryavartayal (MS pary $\AA^{\circ}$ ) TB ApS MS
ajagan ralm sumari tha ayam AV SPP, Berlin ed ajagan, with slight mg suthonty, some mss ajagan, see Whitney's note on AV 19 493
\$609 Other cases involving presence or absence of the preposition $a$ before forms in short $a$
aqne (RV apne) yahi subastibhich RV VS TS MS KS SB
 patho anaktu (AV KS ${ }^{\circ}(t$, TS patha anakt $)$ madhud ghrtena AV VS TS MS KS
asmafu ( KB as ${ }^{\circ}$ ) nfminam dhat ( KB dhàh) MS KB TA SS

 yormin süryă arpılah (KS †TB TA ar${ }^{\circ}$ ) sapta sükam AV KS TB TA indram yajre prayaty ahvetam (TB Conc ahv ${ }^{\circ}$, Poons ed ahv ${ }^{\circ}$, comm ah, ${ }^{\prime}$ with v $1\left(4 v^{\circ}\right)$ VS TB
agnayn upihvayadhuam Vait agnır me hoth a mopahvayadin SMB agne grhapata upa ma heayarra KS Aps MS In Vait upa $+\bar{u}$ lanlarikyam (VS an ${ }^{\circ}$ ) prthoutm adrnhtl VS TB But Poona ed of TB $\mathrm{m}^{0}$, which ıs clearly night !
8510 The pronouns asmat 'from us' and asmat 'from him, 1 t' exchange
krtam ad enah pra mumugdhy (AV TS* mumuktam) asmat (KS amal) RV AV TS MS KS
praty auhatam (MS uhh ) asurd metyum asmat (AV asmat) AV VS TS KS MS TA
§bil The rest are mbsellaneous
uratam rakpant vi suahd AV urala rakjante vetuahd RV Probably both forms are adverbal (not compounded with -ahan), and the penultimate vowel lengt hened in the RV form for some obscure reason, of thud visuähā ("ha) ete, §477
ye te panthdno bahavo jandyandh AV ye te 'ryaman (KS aryna${ }^{\circ}$ ) bahavo devaydnah TS MS KS $\dagger 10$ 13a jana-ayana deva-yüna But rhythmic or metrical considerations may be menolved here
 vef, TA val) VS MS SB TA vaf, vaf, or vet, a meaningless sacrificial exclamation
âhalay (MS ah ${ }^{\circ}$, TS TB âhalam, KSA ahalam) 2 tı vañcalı (TS TB sarpair) is TS MS KSA SB TB An onomatopoetis interjection All textsinay intend $a h^{\circ}$, ance the vowel is fused with a preceding final $-\bar{a}$, comm on VS TS $a h^{\circ}, \mathrm{p} p$ of MS , to be sure, $a h^{\circ}$, in default of comm or $\mathbf{p} \mathbf{p}$ there 18 no evidence as to which KS intended
a|närasya parah putrah SB āhnatasyn pararyadah SS Proper namea of barbarie appearanep and unknown relatinnahipa
sataksaras chundasünusitubhenn ApS satākyarachandaed jagatena Kaus The Conc suggesta \&atāk ${ }^{\circ}$ in ApS, but probably wrongly, Caland, 'der hundertatromige' (sruta)
aghthd eko samasañà ekuh TS adhuäd eko sanäd ekah sanīsanad ekah MŜ See §̧181
ugnaye tua mahyam ayur (MS mayo) dätra edhı VS VSK MS SB SS Near-zynonyms
 MS KS SB The cunous shurtening in KS eeema secondary, and may be related to the fact that two coneonants follow (Prakritic shortennag) Cf $\{362$
āptye (AV aprıye) sam nayāması RV AV See §878
 gãua upivalāvatam (SV upa vadàvałe) RV SV See $\$ 60$
Entrimukhah HG alikhann hantrimukhıh PG See j̄386
 See $\{840$
§612 Finally, a few cases with readings which are duhous or clearly erroneous
pra smã mınily ajurıh RV KS prãstrã minotı ajaruh ApS We cannot interpret prísind, unless as pri (for pra) siná (for sma) In that case the writing of the two words together merely an editorial error, and the variant ahould be added to $\$ 439$
 The true reading of NilarU is certannly that of AV, sce Jacob's Comcordance a $v$, two mes and the comm read so, and the comm quotes AV 6164
 AV But we must read in RVKh as in SV, with Scheltelowntz (p 106)
agniź ca dahatam pratı AV SV Mispnated doniá in AV, see Whitney's note
atrā (AV tatra) yamah sidumā (TA ${ }^{\circ}$,uit) te minotu (AV kriotu) RV AV TA. Conc sadana for AV
asmän deviso 'vala (Conc 'vata) havegu AV $\dagger$ And others, all with avatd
a na indo sulagunam (SV misprinted säta ${ }^{\circ}$ ) RV SV See Benfey's Corrigenda
aruan (GB arvã̃̆) ehz sumakūmum tvīhuh GB etc Gaustra correctly ardan


jamım (KS †ramı) mā hinreir amuyā (MS anu yā) qayān̄̄̄ KS TB MS md jimım mosir amuyí sayãnam AV The KS (one ms only) must certanaly be emended to jāmım
pavamaia udharmani RV SV Once musprinted pavamania in SV, corr Benfey's Corngenda
†uārsaharam sáma guya (correct Conc) MS SB MS prastotar vārşāharam aàma gãya ApS

## CHAPTER XII VARIATIONS BETWEEN SHORT AND LONG I AND U

§613 In contrast to the a $\bar{a}$ variants, those between 2 and $i$ and between $u$ and $\bar{u}$ are hotb fewer in number and more masellaneous in character In particular they ahow relatively hittle clear evidence of the rhythmic lengthening which was so promident a feature of the last chapter Thas is perbape partly due to the fact that variations bet ween $i \bar{i}$ and $u \bar{u}$ as finals of noun fiems are more often matters of morphology To put it othermase, there is great confuaion in the Vedic language between the ehort and long a and " declensions, and only occasionally can such variation he plausibly attributed to rhythmic or other plionetic influences On the other hand, these variants show a rather noteworthy number, propurisonately speaking, of cases of 'phonetic' shortening of an $i$ or $\bar{u} h i s t o n c a l l y$ long By the we mean a shortening which seems to have no justification in any known morphological category or any analogieal influence - See $\$ \underset{y}{c} 300-2$ for variations hetween $\bar{i}, \bar{u}$, and short 2 , $u$, flus nasal, and $\$$ S395-8 for the like before gungle and double consunants

## I Final short a lengthened phonetically

S514 We begin with cases in which final 2 , originally sbort, is lengthpaed, apparently as a matter of strught. phonetice $A=$ in the case of a $\bar{i}$, we include not unly uhsolutely final $\ell$, but $a$ in the seam of compounds, before the euffix rant, and in the reduphcating zyllable Except the last, nearly all the cunes concern prepoeitional adverbe in final .
§615 The varianta du not conform very well to the general principlea eatablighed at the begiming of Chapter XI, pxcept that the followng syllable regularly begma with a single consunant, and that as a rule they do not occur at the end of a pada (On the one exception to this last, see §519) The syllables surrounding the variant ayllable are us apt to be long as ahort A majonty of the variants are pruse, of the metrical ones, about half have the variant syllable as the eccond of the päda Only in one case can the lengthenung be said to be required by
 special tendency for $:$ to be lengthened before $v$, but alyo before $r$ and atbilants (ef §464, and Wachernagel I §

9616 First the cases of prepositional adverbs Note that the following consonant is most commonly $u$ (once $b$ ), but $r$ ie also frequent, and there are several cases of The firat five variants have a abanlutely final, not in comporition, in four of them the older form of the varant has short : We add one care of the conjunction yadz undad yadi (MS $\dagger$ yadz, TB ApS yati) saraind RV VS MS KS

TB ApS Sec $\$ 63$
abhi (SV PB abhi) no cajuconitamam RV SV PB
Lena somabhi rakya nah RV ubhih aımübhi (TA obhī) raķ̧a tah (TA nah) RV TA
abht na d vavilava RV agov 'bhyāvartınn abhi mā ni vartasia (mith vanants, Kaus abhz ne à vaurlxva) VS TS MS KS SB Kaue See $\$ 648$
md tod süryo 'bhe (KS süryah part, ApS süryah pari) uipsīn mognzr (ApS mo agner) undudiarah VS MS KS SB ApS
obhe aprd rodasi on (SV vin) sa duah RV SV Here the meter favors I, which SV introduces secondanily
apnim atiruphhyim (MS atio ) VS MS
adhivaram (MS adhio) yā hiranyany asmai RV VS TS MS KSA abhleartah (TS abhz ${ }^{\circ}$ ) savntach VS TS MS KS SB
abhrpahe (and abhi ${ }^{\circ}$ ) suahd MS (both)

 nituho (PB ni ${ }^{\circ}$ ) 'st TS PB
namo nuepydya ( $\mathrm{p} \mathrm{p} \mathrm{n}^{\circ}$ ) ca hrdyãya ca MS namu hradayyniya (VS hrdayydya, KS hradauyāya) ca nuveßyāya (TS apyydya) ca VS TS KS
parttopat tad arpttha ApS parz dosid ud arputhah KS parıưdamı parikzavam AV parivielam puriksapam ApMB rest bodhapradibudhau AV budhas cn tvā pralthodhas ca raksatim AV bodhas cu más pratibodhas (KS †pration) ca purastad gupiyatīm KS MS bodha pradibrdhdevapnainuvadrana gopayamaina KS envadhas (KS vio, MS vivadham) chandah VS TS MS KS SB

$\$ 617$ To these may be added a case of anlartksa for antari ${ }^{\circ}$, the old adverb antari is farly comparable with prepositions in ? (moat of which, presumably, were ancient prehistonc locatives, like anlare) The form artarika crops up again in Buddhistic Sankirit, eg Saddharmapundarlas, ed Kern and Nanjo, 1491
suadhd putpbhyo 'rlarthsasadbhyah (AV antari', GG $\dagger$ 'nlari') AV ApS MS GG HG
§618 The only other absolutely final if concerns the mperative ending dhi, which appears sometumes as $d h i$, probably under the same general conditions as final $\delta$ for $a$ in verb endinge It happene that almost no variants of this aort occur, we may note that in the pada. sa no bodhe \&rudhi havam RV VS MS IKS SB ApS several mes of MS read $\delta r u d h 2$, but the printed texts are all allke The angle variant noted is, in fact, not recorded in the Conc Strangely enough, the variant sylable is at the end of its paida, where rhythmic lengthening 18 generally not allowed The following parda begus with havam, and it has been plauaibly suggeated by Benfey (Quant II 51), and approved by Oldenberg (Proleg 421), that the lengthening in RV is due to the common cadence drudhì havam (cf RVRep 673, top) In all texts but one this pads has $s_{r}$ udhi, and that one (AS) is the only one in which the word havam does not umraediately folluw (the pâda being quoted in reolation there)
imam me varunk frudht (AS frudhr) RV SV VS TS MS KS AS Ap.MB
§619 Next we find three cases concerning the reduplicating syllable The lengthening here is doultiless rhythmic, except in the first variant where it is obviously secondary and late (occurning before two conronante, the only case of this kind among the phonetic lengthenngg of 2 )
 ynyıpsyata ( AS y $t^{0}$ ) iva te manah ( AS mukham) AS SS Dealderative from $y$ abh, the form with $y i^{0}$ is not recorded lexically nor in Whit ney's Roots
udgrälhenol agqrabhat (KS ajı̈grahhain and djïgrbham) MS KS
§620 There are two cases of apparently rhythmic lengthening of 2 before the suffix vant
médhyandinaxya savanusya nıskevalyarya bhigasya kukravato (Aps adds manth $\mathbf{v a d o}$ ) madhuscuta ( KS * manthìvata, v 1 marthici) indräya (MS savanosya sukra ${ }^{\circ}$ munchwato nzyk $k^{\circ}$ bhägasyendraya) KS (bis) ApS MS Stem is manthin (weak manthz) + rant paramesthì twd sqdayatu raśmwatìm (MS raśmī ${ }^{\circ}$ ) MS KS
§620a In one case $\boldsymbol{i}$ ия required in composition with a denvative of the root $k_{r}$, while the 2 -form (otherwise textually dubious) may possibly represent an in-stem before carin
 Cf $\$ 59$
§621 And finally, a angle case of a noun compound, with what looks

Like genume rhythmic lengthenng of $a$ as stem final of its first member yd te agne hartidaya (VSK hari ${ }^{\circ}$, MS MS hard ${ }^{\circ}$ ) tanür vargıstha gahuaresthe VS VSK SB (Pratikas MS MS)
2 Final in the seam of compounds shortened phonetically
§622 No wholly satisfactury formulation of the curcumstances of this not uncommon phenomenun has yet been attained We cannot umprove on Wackernagel II 1 § 56 e-g (ci also Leumann, Gurupūjakaumuriz 13 ff) It seems most likely to have been dependent ongnally on the opposite conditions to those which caused rhythmic lengthenng, that s , to avord a succesann of long syllables, i was shortened before two consonants and between long gyllables The vanants are on the whule favorable, ur at least not unfavorahle, to this hypothesis
§623. Radical $t$ is shortened in the word senaini, not only in compmaitlon but in case-forms (below, §.527), the folluwing group of vanants occurs all in one passage, where TS alone lias the shortening
 gromanyau (TS renāni') l'S T'S MS KS siB And eu with urksyas cäristarumik ia, senajic ra nussena, ra, rathoprotas (TS rathe') casamutrathas ca, rathasvanas cu ruthemtraí ca
§524 The other carea concern the femmone nouns $p_{\text {the }}$ thei and (once) praphurvi
yà dcuy acistale pränadà prapharvidäh (Aps ${ }^{\text {ondah }}$ ) hS ApS nams 'pmayt prthivhsile lokasprte (ChU prthwiksite lokuksite, MU prthuiksite luhamirte) TS ISAA ChU MU
 divisadam demazadani) VS TS MS LSS SB TB

ye devâ dunbhrigd ye prthuribhägàs (TS KS prthen ${ }^{\circ}$, but 2 mes of KS ${ }^{\circ} \imath^{-i^{0}}$ ) TS MS KS
sunith puttbhych prethongadbhyah (MS GG prthevī) AV ApS MS Kaú GG HG

## 3 Miscellaneous final:i

§626 There is very httle else On na ced avedì (avedi) etc, see §530 below, it does not belong here except by grace of Bnehtlingk'e emendation, which 18 not justified Otherwise we have noted only a few atray cases concerning noun declensiou, which really belong later and are placed here only because both forms happen to have final $i$ or $\bar{\imath}$
 prthayoh MS SB TB AS SS The form 18 locatuve of an 2 -8tern

MS is anomalous (or posably felt as a sort of neuter accusative adverb?
ado (MS uto, AV ado yad) devi (AV KS devi) pruthamãniè prthag yal (AV ${ }^{\circ}$ mänā purastät) AV KS ApS MS Nomnative and vocative
stomatrayastrinse bhuvannsya patni TS KS AS stomar trayastrinse bhy ${ }^{\circ}$ patni MS As prec see $\S 818$
sain denn (KS devi) devyurvasyá TS KS ApS
rätrı (TB ratri, v l of KS rätrih) stomam nu juyuse ( $\mathrm{KS} \dagger \mathrm{TB}{ }^{\circ}{ }_{\mathrm{s}} \mathrm{I}$ )
RV KS TB
satyäd í (ApS satyā hī) dharmanas putī (Yatt MS parı) AŚ Valt ApS MS
asmnendram na jagran ( $\mathrm{TB}^{\circ}$ vi) VS MS TB The -vi form is a dual adj, and ao Mahidhara takea the -vi form aleo, but poestbly it may be a neut ring adverb
 MG Nom voc
r:a sizariduta (HG $\dagger$ jinuaridalah) ApMB HG See $\$ 384$

## 4 Noun $\operatorname{totemsini} i$

\$626 It 18 well known that the division between short and long t-steing 15 lax, many anords shp over from one categury to the other epuradically or even frequently, and in some cases it as hard to be sure to which they uriginally belonged Practically ull the varianta in thas division concern such Huctuations Little evidence for rhythmic intluener can be discerned
$\$ 527$ We bepin with cuses where the orminal is certandy or prohably ${ }_{i}$ Firat, a case of the stem sendni, where the root $n \bar{i}$ 'lead' guarantecs the original length of the vowel In $\$ 523$ we have seen that the shortening occure also in cumpoetion
numah semuithyah senānithhyas (VS TS ${ }^{\text {mubhyas) }}$ ca vo namah VS TS MS KS
$\$ 528$ In the same context occurs the following variant Bochtlingk takes the furm in short $?$ from a stem svan-in 'having dogs', while he derives the other from sua-ni 'leading dogs', this seerns improbable in the light of the variante, both are probably from sua-ni, with (nozably rhythme) shortening in the one case (so Mahidhara, followed by Griffith and Kerth)
namah suanibhyo (MS kvanī) mrgayubhyak ca vo namah VS MS KS namu mrgayubhyah suanthyis ca vo namah TS

Other casea of probably onginal $\tau$ are
sucakpa aham akpibhydm (MG ikkil) bhilydsam AG PG MG N The t-form is regular in the older language Wackernagel III p 303 varü̈rim ( $\mathrm{KS} \dagger$ varu${ }^{\text {a }}$, TS varütrim) tvastur varunasya nabhım VS TS KS SB tuaptur varutrim va $\pi \AA^{\text {c }}$ MS MS
ratrim-rätrim (AV TS rätrem-rderam) apraydvam bharanlah AV TS MS KS SB
ralrim (KS ratrim) janva TS KS PB Vait
ratrim (TS ralrim) pivasa TS KSA
sam râtri (VS radrih, VSK TA rdtrih) prati dhiyaddm AV VS VSK. MS TA
ratrm (SMB PG MG ${ }^{\circ}$ rīm) dhenum vayation (AV upayalim) AV HG ApMB SMB PG MG
ye ratrim (KS ${ }^{\circ}$ rim) anutigthantz (KS $\dagger{ }^{\circ}$ Sthatha) AV KS
pratz tud parvali (TS TB ${ }^{\circ}$ tir, MS KS MS prirvati) veltu VS TS MS KS SB TB MS See $\$ 490$
vepabitit (TS ${ }^{\circ}$ grir) are TS KS GB PB Vait IS
mahinim (VSK mahendm) payo 'sı VS VSK TS KS SB KS ApS MS SG Even from the atem mahz, the VSK form would be anomalous
hrddunz̈bhyah (KSA ${ }^{\circ}$ nıbhyah) sudhā VS TS KSA This 18 uncertain, both ahort and long 2 are otherwise known RV has hrādunam, but hradunt-vrt See also dūyikabhur hrāduñm etc, $\$ 543$

8529. But in the reat atems in ahort i seem to be primary suahakptibhyah (TS ApS and most mas of MS ${ }^{\circ} k$ (tion) presya TS SB ITS ApS MS 'To hail-makinga', suffx $t 2$
aydt cagne 'sy arabhisastis (AS ApMB HG $\left.{ }^{\circ} 1 i s\right)$ ca MS KS AS' SS KS ApS Kaus ApMB HG Suffix $t_{2}$, as in the last
 dadhe (SMB prapadye) AV TB SMB As prec
 TS MS KSA atı 18 Rigvedıc
abhistir (HG ${ }^{\text {afir, }}$ ApMB abhibrir) yd ca no gThe (RVKh ca tre dhrwã) RVKh ApMB HG
diva (divas, dzvah) skambhaner (VS SB ${ }^{\circ}$ nir, VSK $\dagger$ skambhany) ass VS VSK TS KS SB TB ApS Here fen gender is responsible for the long $\mathfrak{i}$
srah-firah pralz süri in caste TS ApS suro devt prati duínr vi casfe KS Here too aürt is made fem, agreeng with a fem entity
sronzbhyam (TB broni ${ }^{\circ}$ ) snaha TS KSA.
yakpmam tronibhydm (ApMB ${ }^{\circ} n \mathfrak{i}^{\text {D }}, \mathrm{v} 1{ }^{\circ} n i^{\circ}$ ) bhdaddt RV ApMB yakgmam bhasadyam sronibhydm bhasadam AV
mutravarinau bronibhydm (TS aront ${ }^{0}$ ) TS KSA
dam methrr (ApMB sam te metht) bhavalu sam yugasya tardma (ApMB trdma) AV ApMB
rtūn prsfithih (KSA em prstibhth, ma bhro TS KSA Cf Macdonell and Keth, Veduc Index 2358 f

ımdm khandmıy ogadhim (ApMB ${ }^{0}{ }^{0} h h_{m}$ ) RV AV ApMB
oßadhzbhyah MG opadhibhyah SG
kratus vartitham vara amurim uta RV kratve vare athemany amurim uta SV
sam arır (VS SB arir) undàm (KS undah) VS MS KS SB Nom ang of stem an, the anomalous V8 SB form ts noted in BR, s $v 2$ art
adh juvi (AV atha juvrir, ApMB ath jıuri) vndatham $\bar{a}$ madasz (RV uadäthah) RV AV ApMB Stem jum (or, with most mse of AV, jern) RV has a dual form, ApMB an roolated ang from a stem in $i$, perhaps due to confuaton between the RV and AV forms On the $\bar{i}$ of the intial syllable see $\$ 544$

ambé ca bula ca netatnī MS ambé dulīntatner TS
apn mahi vyayalı cakynse lamah RV apo mahi tmule cak§usa tannah SV TB Here we have a complete change of construction, in addition to (or perhapa rather than") a change of atem-form us te bhiruadmi takarīm (KS ${ }^{\circ}$ rim, AVPpp (Roth) tagarm, AV meharam) AV TS KS ApS See 849 There 18 no way to determine the original quantity of the $z$ here
§629a There are alao cases in which a nors aing in $i$, apparently from a stem in $i n$, varies with one in $t h$ from a atem in 2 uydnasich (SV ${ }^{\circ}$ 6i) paurse soma dharmabhich (SV dharmand) RV SV tan no dantī (TA ${ }^{\circ} t \nmid h$ ) pracodaydt MS TA MahānU Corain on TA mahndantah
 ApMB dū ${ }^{0}$ palatri vijunivin MS MG
suparne anyather (SV ${ }^{0}$ thī) bharal RV SV
§630 In one vanant there is multiple confusion, unvolving also verb forms
na ced avedt (BrhU avedi) mahafi mnapith SB BrhU So Conc, with
the pnoted texts But avedi ls only Boebtlingk's emendation, mss avedì The Kánva recension, however, has avedzr, and Kens U'p (not in Conc) avedin, a verb-form ('f he has not known [thas, it is] a great disaster') avedir would be nom ang of a noun atem avedi 'f not, (there 1a) ignorance, a great disaster' avedī 18 taken by comm as noin sing of avedin 'f not, (he 1s) tgnorsnt', etc These are surely enough varianta, without Boehtlongk's additional one!

5 Verb forma contaning $\boldsymbol{i}^{\boldsymbol{i}}$ and $\boldsymbol{i}^{\boldsymbol{i}}$ in the second syllable of dissyllabic bases
$\$ 581$ This variation occura in a conaiderable number of macellaneous cases in the inflection of the verb, of iencat in root or atem syllables, in which may be meluded the second syllable of diasyllabic basea Among the latter we find casea which may plausibly be interpreted as rhythmic or at least phonetic in character We include with theni alao nouns which ahow the same shift in the second ayllable of dissyllabic bases, ance they are of the game phonetic character suśame samįqa (TS TB sumeşa, KS †ţamiñsva) VS TS MS KS TB avanty asya puitairam (SV pavic) àavah RV SV The ehortening of $S V$ improves the meter (anapeat after cesura)
§632 The next two concern noun forms whicli may poasilily contain disayllabic bases in their firat elementa, but they are very obaciure untarkpam puritata (TS pura, MS pulī, KSA puli) IS VSK TS MS KSA
ulo halıkwno (TS ūlo halī) VS TS MS KSA Name of some anmal A thenry as to the origin of this in Wackernagel, I §39 note
§633 At least in origin, the 2 of the is sorist representy likewise an IE schwn, the recond syllable of disayllabse bases For well-known phonetic reasone, it is regularly long in the 2d and 3d persone singular, shart in the reat of the inflexion When we find divergences from this acheme, they are to be regarded as analogical extensions in one direction or the other, cf VV I p 189
と TB The root av is undonbtedly dissyllabic in origin The i of TB 18 due to the analogy of angular forms like avil So in the next
amimadanta prtaro (Kiaúa also patryo) yathäbhāgam ( ) àvpayzata (AS yisala) VS VSK SB AS LS kaú SMB GG KhG Cf prec
nd (ndonir dhuanaytd (TS "yrd, KSA "yed, MS dhanaytd) dhūmapandhih RV VS TS MS KSA This is the converse of the preceding, TS shortens the vowel by analogy with dual and plural forms
ala ū su madhu madhunäbhı yodhz TS aduh su madhu madhunäbhz yodhit RV AV SV AA MS On the anomalous TS form вee VV Ip 27
a gharmo agnem rlayann asddt (TA adit) RV TA a gharmo agner amfto na sadz MS See VV I $\$ 84$
§6S4 Probably rhythmic in character is the $i$ which varies with $i$ in denominative atems before the ya-agn, cf VV I p 155, and above $\$ 478$ where the same shift occura between $a$ and $d$ putriyantah (AV putriyandi) audinavah RV AV SV janiyanto nv (AV janiyanti ndv) apravah RV SV AV As SS
$\$ 635$ In some cases we seem to have rhythmic or metrical lengthening of $i$ in stem ayllables, at least it occurs in positions where the cueter favore a long
prati sma (SV sma) deva risalah (SV riz, and soppof RV and MS) RV SV MS KS TB The pp readinge confirm our opinion that the í is metn grat.ı
naīmin (VS SB KS abn) rudram ndımahe (VS SB KS adī̀, and so $v 1$ of MS KS MS, and ppof MS ) VS TS MS KS SB TB KS ApS MS
§636 But the same shift in root or stem syllables occurs in some cases where it cannot be rhythmic, the explanation varies and is sometimes obscure
suruän patho antnia a kgiyema (AV $k_{b 2}{ }^{\circ}$ ) AV TB TA ApS The root $k_{i / 2}$ 'dwell' here presenta an exceptional form with $\bar{i}$, perhape under the influence of the other root $k_{p 1}$ 'penish', from which $i$ forms are familiar
yūpबyorchrtyamānāyānubrühz (MS ${ }^{\circ}$ chrıya ${ }^{\circ}$ ) ApS MS Here the $i$, in the prasive of $8 \pi$, ta regular, and is probably to be resd alan in MS with most mase
samıngayatz ( SB sami ) sarvatah RV SB BrhU The root añf appears sporadically as ing in the Brablamas, the true reading of BrhU is saming io this passage (text emended)
§637. Jumbled participial forma of the parallel roota $\jmath_{2}$ and $j y \bar{a}, j$ antāh (TA ajūtāh, ApMB and one me ol HG ajita) syāme saradah satam TA ApMB HG


$$
\text { נquvditiso) VS Ts } \mathrm{KS} \text { sB }
$$

$\$ 638$ We have classified the form iyana 'gong', as a reduplicated present from root $i$, see VV I p 128
sydnah (8V iy ${ }^{\circ}$ ) kisno dadabhzh sahantazh RV SV AV KS. TA alotibhyo dhyonav zyanah (SV $\bar{i} y^{\circ}$ ) RV AV SV
8699. The participle idita appears as $24^{\circ}$, probably under the influence of the nouns $t / \sqrt{3}$, ida
 TB
$\$ 640$ The present and past pasaive participles of root $k_{\$ 2}$ 'perish', kpinal and kitia, are concerned in the following
namo inksinatkelhyah (TS KS inksinak') VS TS KS SB nama aksinakebhyah MS If MS 18 nght it has a blend of the other two readings, but the mse vary, and it is lukely that akginak was intended
The 3 plur perfect ending ere appears once as ire
 gdire) KS Valt MS prdcí cojougahere ApS

## 6 Noun suffixes contanning 2 I

§541. Twice in MS the suffix $\imath y a$, representing ya after two consonant.k, appeare es iya, but both tumes the ppof MS has iya
namuagriyñya (V'S KS 'gryđya, MS 'grīyñya) ca prathamāya ca VS TS MS KS
sahasmyo dyotatam (TS TB dīpyahim, MS sahasriyo jyotatām) aprayurhati VS TS MS KS SB TB
§Ela We have quoted in §249 (q $v$ ) three variante in which AV reads unriyah for older varivah
asmabhyam indra unruah (AV variyah) sugam krdhi RV AV asmabhyım mahl varuah sugam kah RV
sakhi sakhibhyu varivah (AV variyah, so one me of GB, Ppp varivah) krmitu RV AV *TS KS GB
tuaplià no atra varıvah (AV variyah) krnolu AV TS
§EA2 Several tumes forme in ina vary with other forms contaning short:
 ApS -bhagina, from bhaga, seews to be found only here, KS substitutes a more regular form (fem of bhagin)
tıraşırajī (MS tırascī̀arưjū) rakştā AV MS Agann ina varles with $2 n$ (weak btemn ${ }^{2}$ )
namo yuvabhy namu ästnchhyah RV ApS namo yuvabhya aşınebhyas
(MS $8 \delta^{\circ}, \mathrm{pp}$ dsi ) ca vo namah (MS ramamamah) MS KS derna is $\mathrm{d}_{\mathrm{x}}$ der in RV, in MS it seems to be secondarly adapted in form to words in ina
§64 The shortening of $\tau$ to $z$ before anfinal ka may properly be classed with rhythmic shortenngs Cf Edgerton, JAOS 3195 f, 111 düpikabher hrddunım (KSA thra ${ }^{0}$ ) TS KSA hradunir dưsikdbhih VS MS

## 7 Mascellaneous 2 and $\tau$

sput Here, first, a few varianta which seem to concern what are fundamentally related forms, one being usually more or less suapicious
 KSA SB TB ApS
iryaldyū (TB $r^{\circ}$ ) akitanam VS TB From the equivalent adjective forma rrya (RV) and irya, doubtlese ultimately the aame, tho the etymology is doubtful (cf Neisser, $Z W$ bich d $R V$, a $v$ rya) ưlärayoh pilnayoh (ApS palyayoh) MS ApS MS Cf the word pilu or pilu, name of a trec Obacure
vidvūr yāmann avardhayan VS vidiñ yáman vnvardhayan TB Coınm on TB drdhasaktayah, that is equavalent to indu, for which vilu 19 not. recorded
adhā juvī (AV atha juvit, moat mas jurver, which Whitney would reatore, ApMB athñ juri) undatham à vadien (RV vadäthah) RV AV ApMB Various theories connect the obycure word with cither jyä( $\jmath 2$ ) or Jr The $\bar{z}$ in the first ayllable in ApMB in isolated and no doubt due to popular etymolngy, thinking of $j \bar{i} n$ or of the $\bar{i}$ forms of $j y d$ or jr (Jirna ptc) See $\$ 529$
 TB As The MS form ie probably a merc corruption (due to thought of id ef the lexically quoted iudu), corrected in $\mathrm{p} p$
 AS SS vīm vinana) AV TS MS KS AS SS Different case forms of an $\boldsymbol{r}$-atem Sec $\$ 2316$
sanderathas sandikera ulükhalah ApMB sändikera (PG sauridikeya) ulükholah HG PG See $\$ 489$
\$645 The rest are more defintely lexical in character, but even they occaumally show traces of phonetic relatious, thus in the first subhütāya pipıhı (MS pıpîhi) MS TA ApS And othera, with tye, ürje, brahruevarcasäya, etc In MS alwaya papīh, probably from $p \bar{a}$ 'dnnk', while pipihz $\pm$ from $p y \bar{a}(p \bar{i})$ 'swell' The result, how-
ever, gives the semblance of a mutual (quasi-rhythmic) shift of quantity, of VV Ip 182
sarasuati tud maghavann abheriak (TB ApS abhimnd) RV AV VS MS KB TB SB ApS See 1142
sudütr as TS PB auditer ast KS GB Vait sudetendityebhya ddityan gnne M8 Boehtlıngk auditi Anklang an Aditı, sudừı glanzvoll (dr) Sudtit is Rugvedic
unduam rd dhtlam (MS dhitam) inatuh (SV asata) RV AV SV MS ApS Roots dhi and dhe
tromam ayudham (AV aniknm) urdılam (AV indilam, KS ${ }^{\text {a }}$ dham iditam) sahased AV TS MS K8 See $\$ 169$
kavir yah putrah sa im © (TA sd $\imath m u ̈ h$, Poons ed va $\imath m d$ ) ciketa RV AV TA N
atı ud (AV Kaú altua) yo maruto manyate nah RV AV Kaú Metatheas of quantity
sam padam magham †rayi̊ine na kāmam (AA rayъұanı na somah) SV AA rayı-ınn raym-san (so Kelth, or, -sant)
ghasind (ApS ghanind) me md samprkthäh VSK ApS Corruption in ApS , perhaps for ghänd (RV ghasr), with metathesis of quantity? Cf Caland's note
© yāh kūru haribhyám (SV KB SS harha, AS hari tha) AV SV KB AS SS Doubtless read, in all except AV, harīhn (xhart tha), with Whitncy on AV and Keith on KB
gaurir (TB TA 'ri, AV gaur in) mernàya salılani taksatī RV AV KS TB ApS SMB MG
srdrāpesya phalıgam ApMB indrnyayãryn sepham alikam HG See $\$ 46$
 AS SS
 KS ApS MS
nen tu män mave it anminah TA nem na mūn fnavän ípsaminah MS And others, see $\$ 180$
latikirifum (comm ${ }^{\circ}$ rifain) atidanturam TB So Conc with Bibl Ind ed , probably maprint, Ponna ed comm with text atikurtam) [tvankrit (so all!) asvasya suadhetih sam eti RV VS TS KSA]

8 Final $u$ lengthened
§G46. As with the $a$ and $z$ vowels, we include here cases in which the vowel 18 relatively final, that is, final in its stem as prior member of
compounds, or before the auffix mant, or in the reduplicating gyllable The cases are atill less numerous than those of $i f$, and add nothing further to the subject
§EA7 Of absolutely final $u$ lengthened to $\bar{u}$ we bave noted only four casea, three of the particle $u$, and one of au All occur before angle consonants (once $v$, twice a siblant), and in most of them the surroundung ayllables are ahort In only one are both long, but here the original form has abort $u$, and $\bar{u}$ is introduced un a secondary text (MS) 0 §u (MS sū) martla (MS KS varta) marulo upram acha RV MS KS taw ū (MS u) \&ucım kırayn dĩdvã̉sam RV ArS TS MS KS ımam $\bar{u}$ (MS $u, p p \bar{u}|m|$, and MS $\bar{u}$ ) su tvam asmākam (TA ApS tyam armabhyam) RV SV MS TA ApS MS udam ta ekam parcu u (TB $\dagger \mathrm{ApS} \dagger \mathrm{u}$ ) ta ekam RV AV SV KS $\dagger \mathrm{TB}$ TA AS SS ApS MS (u-la =ula) On puru puri, a matter of noun mflexion, see $\$ .555$
§648. In the reduplicating syllable the change occurs in reduplicated aoriste of root gup, the $\bar{u}$ form 19 here more usual, and 19 doubtless a matter of rhythraic lengthening Cf VV I p 132
 MS MS
 MS KS ApS MŚ
 MS MS Aps dhanam me sartsyäjugupah KS santya paíūn me 'jugupus tion me paihy eva $\boldsymbol{S} S$. And others in the same passages
akerbudhnum mantram me 'jugupah (v l ' $\jmath \bar{u}^{\circ}$ ) MS
§649 There is one doubtful case before the suffix mant santre tuarbhumale (V'S SB tva rbhu ${ }^{\text {a }}$, MS tvarbhis ${ }^{\circ}$ ) VS MS SB TA If MS understandea form of rbhu', as do the others, we have rhythmic lengthening in it But this would imply anomalous sandhi for MS (see \$916), and two mas read nvarbhūmale
\$660. In the searu of compounds, we find firet several variants of the preposition anu, lengthened to anū l'be change occurs before either vor rin every case but one (cf under \$516) anurohum joners Valt anuroho (KS unü )'si TS KS GB PB Valt
 (with pp and v l each tume anua) anuvfd ( KS anū${ }^{\circ}$ ) ast KS GB PB Valt anuvile (KS anü ${ }^{\circ}$ ) tıā KS PB Vait anuvitam jınua Vait †anūvitañūrte nüvrj jınva MS panthäm anuegybhyam (KSA anu) TS KSA
anukdsena behyam M8 anukdsena bdhvyam V8 anlarendnuikdsam TS KBA
§561 Among other compounds, we find meveral which quite clearly contan rbythmic lengthening of $u$, in the first two this is the older form, and is shortened un secondary texts
sumdhald samdhem (MS ${ }^{\circ}$ dher) majhava purüuasuh (TA APMB and pp of MS pura ${ }^{\circ}$, MS puru ${ }^{\circ}$ ) RV AV SV MS PB. TA KS ApMB
urinaodv (TA uru ${ }^{\circ}$ ) aoutrpa (AV TA ${ }^{\circ} p d v$ ) udumbalau (TA ulu ${ }^{\circ}$ ) RV AV TA AS
 (AV abhsydtz) dü̧ayan AV TS MS KS
sudhoh sundumdrah (KSA $\dagger$ sıfuī) TS KSA samudraya sisumárah VB MS See $§ 305$ Whether this is really a compound or not 18 wholly uncertan
§552 Aalde from one or two compounds where the $\bar{u} u$ concerns noun ster formation or inflexion ( $\$ \$ 554$ ff), we find further only compounds of $s u$ (suyama) and its opposite $k u$, appeaning also as sū, $k 1$ (cf also §563)
brahmanas pate suyamarya (MS $8 \bar{u}^{\circ}, \mathbf{p} \mathbf{p} \quad$ su') visvahū RV MS TB
The $\bar{u}$ is aecondary and not favored by the meter (anapeat after cesura)
nuyame me adya ghtāci bhūyāstam svãvetau dūpârtau ApS suyame me bhuyāstam VS SB aüyame me 'dya stam svièptau sūphotau MS MS
kuyavan cu me 'kgitis (VS ${ }^{\circ} \mathrm{tam}$ ) ca me VS MS KS (v l kū ${ }^{\circ} \mathrm{in}$ MS) akgıtıs ca me kūyavēs ca me TS

## 9 Final ù shortened

§653 Only one vanant, conccrang the old adverb $k \bar{u}$ 'where?', which appears in SV an $k u$ before a consonant combination, so that it may be reparded as a case of rhythmic or quasi-Prakrituc shortening $k u_{\beta}(h o$ (read $k \bar{u}$ stho) devāv asuina RV ku sthah ko vūm asvemū SV Sec Oldenberg, Noten on $5 \quad 741$

10 Long and short $u$ in noun stem formation and inflexion
\$554 The words hanu and tanu, compounds of -hhä, and a few others, vary between $u$ and $u$ forms, in case-forms and in composition
hanübhydm (KSA hanu${ }^{\circ}$ ) $\begin{gathered}\text { ucich } \\ \text { TS KSA TB ApS }\end{gathered}$
hanubhyän (TS hunū${ }^{\circ}$ ) stemīn bhapavah VS TS MS KS In thas and the prec Talt texts alone bave $\bar{u}$, the othere $u$
agne sadaksah satanur (KS $\dagger$ 'nūr) he bhütos TS KS agnih sudaksah sulanur ha bhưtuả MS
füruso ye lanütynjah (TA lanu ${ }^{\circ}$ ) RV AV TA Note that two consonants follow the $u$, which opposes the possible theory of rhythrmo lengthening
syam te yajnizd tanih (VSK tanuh) VS VSK SB ApS
avasyur (VS SB ${ }^{\text {aryür) an duvanvin VS TS MS KS PB SB SS }}$
sundhyur (VS TS ${ }^{\text {y }}$ yūr) ust märjatizah VS TS MS KS PB SS Only -yu in RV
arādhyaı (вee §474) †dıdhış̄patım TB aräddhyd edıdhıßuhpalım VS (on the lat ter ree $\boldsymbol{\xi}^{3} 381$ )
varenyakratūr (AV ${ }^{\circ}$ tur, ApS idenyakratūr) aham RVKh AV ApS Whitney cally 'tür 'un umprovement' See also $\$ 383$
nobhur ( PB vibhur) ast pravahanah VS TS MS SB. TB PB ApS. MS
vibhür (KSA vıbhur) matrà prabhūh (KSA prabhuh) putrā VS TS MS KSA SB TB ApS MS
sambhlr (KS ${ }^{\circ} \mathrm{b} h u r$ ) maynbhūr abhe má väht suahā VS TS MS KS SB Note mayobhür even in K'S
abhūr (VS TS äbhur) anya nısañoathit (VS ${ }^{\text {ºblhih) }}$ VS TS MS KS
saintre tvarbhumate (etc, §549) unbhumate (MS mihuü) VS MS SB TA
phalgüt (KSA ©our) lohztorni VS TS MS KSA
havanabrun (TB havanasrür) no rudreha borthi RV TB Comm on TB âhuänaya srotà sin Irregular lengthening of situ in compoestion
इБББ Neuter $u$ stems in the Veda have nom -ace forms, both ang sind plur, in either $u$ or $\bar{u}$
su hr puruī (SV puru) cid ojaxiī inrukmatī RV SV Adverbıal
[nam grthaiga purū (TB puru, Poona ed purū-) satii RV AV MS KS TB]
Different forins of related atems ayu and ayus
dadhad ralnam ayunı (AV āyūnız) AV AS SS See $\$ 819$ v₹sü punana đyusu (SV ถyūns̨) RV SV
§656 In the firat member of a dual devatãdvandva, the $\bar{u}$ may be understood as the dual ending, rather than lengthened stem vowel kratüdakyäbhyām me varconà varcase pavnsua VS VSK SB dakyakratubhyäm (ac me etc) TS ApŜ dakỉakratubhyäm me varrodiah pavasua MS
$\$ 657$ The stem dhur regularly appears as dhür before a consunantal ending (Wackernagel III $\$ 134 \mathrm{c}$ ) In the ApS form of the following
vamant ur appears before the endung bhih, and conversely in the K8 form ur before vocahc endings Buth inust be anslogical, if textually sound, note that in the 'correct' MS form both dhur and dhir forms occur Von Schroeder, followed by the Conc, stugmatizes KS dhüro and dhūran (for ${ }^{\circ}$ rame) as corrupt, and Knauer proposes to emend KS on the basis of MS But mechanical form-asamation may account for all the varants
yothodhuram (KS me ${ }^{\circ}$ dhūran) dhuro (KS dhüro) dhūrbhih kalpantam
K8 MS yathdyatham dhuro dhurbhih kalpantam ApS

## 11 Other $u$ ū

§868 The remaning variants are so miacellaneous that they seem hardly worth aubdividing 1 n verbinflexion there s practically nothing Once TB presenta an anomalous ūh for the regular 3d plural secondary ending $u h$, it occurs at the end of a paida, and remang unexplaned upo ha yad udatham vajino guh (TB gih) RV MS TB
§big The vamous forms of the root au, aū, 'heret, enliven' etc, show some confusion as to the quantity of the radical vowel Thus prasastah pra suhı ( KS sūhı, MS ғuva, ApS srva pra suhı) AS SS KS

ApS MS Both sühr and suva are regular forms, and in VV I p
189 it is sugreated that suht is a blend of the two Cf next
ardhamasyam prasudāt pitryivatah JB pañcanáā̃t prisū̄tüt pitryavilah
KBU Both must apparently be from the same root, of which the regular participle is aulla, but auta $1 s$ recorded otherwise JB
118 has v 1 prasultat (see Oertel, JAOS 19 [2], 112, 115, delete in Conc tam ardhaminam )
lat and 2d aonsts of bhū

(v 1 ©bhūvam) MS
§be0 Quite ammlarly rah (weak stem uh) and uh are in sorue forms and meanings hardly to be suparated' (Whitney, Ronts), indeed, Whitney gives aome forms (auch as passive uhyate) as identical from the two roota Of course they are ultmately varmants of each other md hinissur vahatum uhyamuinam (ApMB $\dagger$ ūhyamañam) AV ApMB

Here üh does not fit very well, AV meana 'may they not mure the procession as it procceda' (In ApMB the pple is made to agree with the hride-'as she is being carned off')
samuhyo 's unsuabharah SS samūhyo 'si visvabharäh ApS samühyo
's usivaveda VSK KS Here, contrary to the prec, it is sam-uh
that 19 meant, even in $S S$
phalgunibhyam vy ühyate ApG phalgunisu vy uhyale AV Kaue
s681 The present partuciple of the 'root' türu varies with the related adjective tura
tūrvan (KS turo) ta yāmann etasasya nū rane RV VS TS MS KS
8662. Several times the word varutri varuleri, from the dissyllabic ront ve 'cover', varies in its two forms
varūtris fud (KS varutris tō̄) devir vitunderyñoatīh VS KS SB KS varūtrayo janayas tuiè devir TS varūtrí (once, 276 , tvaru ${ }^{\circ}$, and sov 1 in the other passage) tuā deve ersva ${ }^{\circ} \quad$ MS (bis) tvastur varutrim varunasya uhbhem MS MS varūtrım (VS SB ${ }^{\text {a trīm, }}$ KS $\dagger$ varutrim) tvag\}ur variond ${ }^{\circ}$ VS TS KS SB garutrīr amyan KS varütrayad thduayan ApS
$\delta 663$ The word eumfa or aí has been interpreted by some as a compound of su, but can acarcely have been felt as auch in Vedic times, yet it is possible that the not infrequent $\bar{u} i n$ it may have been due to confuaion with compounds of su, which as we asw ( $\$ 552$, cf $\$ 547$ ) also appear with $s \bar{u}$
sumndya (VS $\delta \bar{u}^{\circ}$ ) nūnami ìmahe mahebhyah RV SV VS TS MS KS SB KauE
dhtrā deveşı sumnayã (AV ${ }^{\circ} y a u$, VS sūmnayã) RV AV VS VSK TS MS KS SB
The word stūpn, of unknown origin, ordinarily appeare in that form, but two variants ahow that the form stupa was farly wideapread vasuo ( ${ }^{n}$ noh, ${ }^{\text {nos }}$ ) stupn (TS TB ApS stupo) 'st VS TS MS KS SB TB ApS MS vesnoh stupah MS MS resmānam stuprena (MS stū ${ }^{\circ}$, but $p$ p stıa ${ }^{\circ}$ ) VS MS
§664 The word ürua, on whach see last Neisser ZWbch d RV, s v, may be ulumately connected with uru At anv rate forma which look like derivatives of these two worda vary with each other in a confused way which naually augests textual corruption
urvim ganyäm parnadam no akran AV ūrvam gavyam pamsadanto agman RV KS See §4b
urv (AS once urny, once ürvy) antarikvam vith MS KS SB Valt AS. (bis) ApS MS We might be tempted to see in ürvy a phonetic lengthenng before $r+$ consonant (ef Wackernagel I $\$ 38$ ), but it is probably only a misprint
ürva (T'B urva) zun paprathe käno asme RV $\dagger 3$ 90 19c, TB N Cumm on 'Th uria wa, vindurignar wa, connecting the word with aurva, a derivative of urva
 See $£ 228$
$\$ 606$ The word kulyä 'stream' 18 wntten külya certannly once, and probably twice, probably under the mfluence of kuila 'bank' kulyäbhyah (TS $k \bar{u}^{\circ}$ ) roōha TS KSA Here the TS comm takes $k \overline{u^{\prime}}$ as a aecondary adjective from küla, but it is probably only an equivalent of kulyã, of next Keth, 'to those of the pools' medasah (HG * пјynsya) kulyā (HG kü") upa tan (AG upaınan, SMB abhi tar) stavantu (HG ApMB kyarantu) VS AG SG Kaú SMB HG ApMB medias, ghrtaina kulyd abhinahstavantu MG. Cf also ghrtanya kulyã ( $m$ ) un Conc, and prec Here there can be no question of the precise equivalence of $k u ̈ l y d$ and $k u^{\circ}$
§666 The form $p \bar{u} r u s a$ for purusa 18 familuar in all perioda of the language, beginming with $R V$, but 18 almost if not quite reatncted to pogtions where the firat ayllable must be metrically long, such as the followng vanant, where TA Poons ed reads $p u^{0}$ with $v 1 p u^{0}$
alo (AV Ars ChU tato) jyāyāns ca pūrußah (TA pu $u^{\circ}$ ) RV AV ArS Vs TA ChU
$\$ 667$ Twice the RV writes $\bar{u} g r a$ for ugra According to Oldenberg, Noten on 1 165, 6, following an earher auggestinn of Haug's, the $\bar{u}$ would be due to the fact that the syllable has kampa (suaritu accent followed by an accented ayllable, of Wackernagel I p 293 f) One might think of underatanding the particle $u$ plus ugra, but $p$ p $h$, ugrah Both padas occur in the same hymn
aham hy ugrax (RV $\bar{u}^{-}$) tansas tungmān RV MS KS TB aham hij ugro (RV ü) maruto indanah RV MS KS
§668 Other cases concerning different readinga of what is apparently the asme word or related words
ulena purımūtho 'si HG ulena paraĭto 'in ApMB followed by parrmîdho 'ry ūlena HG parıīto 'ş ulena ApMB utūla parimüdho's PG The meaning of ula or üla ts unknown Cf next
ulo halıksno (TS ülo halī) VS TS MS KSA Cf prec Here apparently sorne anmal is meant
godhümas ca me manūrís (TS and KapS masua) ca me VS TS MS KS Both formus are otherwibe known, masüra seems to be commoner hotē vedibad atuthir duromasat (VS $d \bar{u}^{\circ}$, but comm du ${ }^{\circ}$ ) RV VS VSK TS MS KS ab SB TA MahānU KU NppU VaradapU The word dürona, for the usual durona 'house', seems to be othermse unrecorded
kurkuro nilahandhanah HG kurkuro bälabandhanah (ApMB valua) PG ApMB The usual form is kurkura, perhapa of Wackernagel I §38 (lengthening before $r+$ consonant) Cf next
kurkurah oukurkurah HG kürkurah (ApMB ${ }^{\circ}$ ras) sukūrkurah PG ApMB Cf prec
kummandoh, "dani, "dyah, and $k u \xi^{\circ}, k \bar{\mu} \delta^{\circ}, k u \overline{s^{\circ}}$ See $\S 290$
prathamāya janupe bhürnanesthäh (AV bhuvane ${ }^{\circ}$, SS bhüma $\boldsymbol{w e}^{\circ}$ ) AV AS
SS Dufferent but related stems bhuvana and bhüma(n)
a pūpā elv đ vasu TS à pustam etv à vasu AV
apura stū SSS apūryà sthā TS AS
atık'lvam (VSK "külvam) cantılomasam ca VS VSK kulva'bald', regularly with sbort $u$
 or ${ }^{0}{ }^{\prime} g y_{a}{ }^{\circ}$ ) VS VSK MS Sand to mean a eort of bird, original formiand precise meaning unknown
$u_{\S} 0$ ( $\mathrm{PB} \bar{u}_{j} \hat{a}$ ) dadikse: (PB dadrse) na putar yatiun RV PB Cone suggeats reading lessian in PB
pūlyāny (ApMB kulpinny) àvajantikū AV ApMB The latter is secondary if not corrupt (note metathesis of consonanta) Cf $\$ 151$
§669 The reat concern lexically different words, and are all isolated, except that there are two cages of interchange between the ateme ugra and ürdhva
ugro (HG ürdheo, MG agne) intīarin (MG ©jam) apa (MG upa-) sedha (AV ${ }^{2} r \bar{n} k i v a$ ) satrūn (MG sakram) AV ApMB HG MG ugradharıvā (TS MS KS ürdhvadha) pratıhıtühher aııē RV AV SV VS TS NS KS
ud van§am zva yemıre RV SV TS KB N ürdhvain kham qua menıre Mbh
yad annam admı (Prāmāŗ agnır) hahunhō unrūpam (PrānāgU unrāddham, vv ll ivrīam, mruddham) AV TA Prānāg U
brahmälhegıptah (etc) brahmuithogūrtam, see $\$ 742$ athin jimah (KS atha vistah, VS SB athatam, AV adomaulame prium (AV annam) adilhr prasüluch (TS MS KS pramuktah) AV VS TS MS KS SB
aghryau sūnam (AV aghnyīv asunam) äratīm RV AV sinna 'want' asuna 'unprosperity'
suhutakrtah stha AS subhütakrta stha ApS
utem (SV ülm) arbhe havimahe RV AV SV MS In RV etc uta-im,
 quantity of the $u$ vowel, ance in all it is fused with a preceding final $u$
sà brahmajiyã vr dunotz rägiram AV sa raşram ava dhünute bratmajyasya AV 'Burns up' 'sbattera'
trini paddni ripo anv arohal AV pafta paddni rupo anv arohnm RV Read rupo in AV, mith many mas, comm, and Whitney'a Transl udno (AV text udhno) divyasya no dehi (AV MS dhdlah) AV TS MS KS üdhno is a false cmendation, withdrawn in Whitney's note Cf $\$ 108$
namo vah pztarah sugmāya (VS SS qoydya, SMB GG KhG aüpaya) VS VSK TS MS KS TB AS SS SMB GG KhG See $£ 720$

## CHAPTER XIII QUALITATIVE INTERCHANGES OF A, I, AND U VOWELS

## 1 Short a and 2

§670 The vanatinns between $a$ and $z$ are numerous, but also rather miscellaneous One large group stands out among them as concernng noun suffixes which differ only or chiefly in contaming the vowela a and i reapectively Theas have little phonetic intereat At the opposite pole stands the only other considerable group which appears promuently in this section, namely $a$ in radical syllables which concern ablaut, or quasi-ablaut That 19 , the 2 forms are, or have the aspect of being, reduced ablaut grader corresponding to full-grade forme in $a$, which vary with them That ir and ur may appear histoncally in auch relations to ar as recognzed by all (cf Wackernagel I §21) Whether the aame is true of 2 in relation to short $a$ (as distuguished from $\overline{0}$ ) before other conononanta, la a dupputed queytion Cf Wachernagel I 815 note, where tha posability 13 denied and the attempt is made to explain otherwise some of the secmung instances
§671 We ohall content ourselver with recording the varianta which seem to concern this real or supposed ablaut, it will of course be understood that. we do not clam that they prove or duprove either aide W c ahall begin with one in which an otherwise unrecorded sikya appears persistently for the common sakya (by which TA comim glosses sikya) One anturally thinks of companing sikvan and other forms of the sort with i (sikrnan, sikvas), according in Wackernagel (le, p 17) sikvan would be etymologicully unrelated to root sak, which seems to us doubtful But the forma in $i$ might perhapy be influenced by siks satām śzkyah (MahānU з $a^{\circ}, \mathrm{v} \mid \mathrm{sq}^{\circ}$ ) provacopanıỹat TA MahănI'

A form of itkp itself varies with one from sink in ditum cec chiksān sa (TA chuknuvīnsah, or "Miñ sa) avarge rea (TA eqām) AV TA See 8826
§572. Seversl varianta concern the root or roots fum sim, which certanly are synonymous, but according to Wackernagel (p 18) ultamately unrelated In the variant pādas V'S uses only sam, T'S KS only stm
 KSA
kas te gatroni samyatz (TS KSA sımº VS TS KBA mined dchyardu damyartah VS masís chyantu semyantah TS KSA brmah (KSA Conc sımAm, ed with v l brmah, VS simah) kinvantu (VS * namyantu) bimyantah (VS ámyanth) VS TS KSA Note that VS demes consciousness of relation between the verb and the noun by reading simāh with s, not á (comm interprets by yimu rekhah)
sūcibhth bamyantu (TS KSA śrmº MS samayantu) tuà VS TS MS KSA
§673 Next a few varianta which either contan or have the aspect of contaming ablaut between ir and ar (or $n$ and $r a$ ), cf Wackernagel I §21, but moet of the cases are obscure or dubious, only the first 18 a clearly genume instance, and there too both forms are famular, SV has merely aubatituted a more commonplace synonym (hari) for the old and rarer hern
herisimustrum (SV harı') nârvānant (SV na varmanā) dhanarcam (SV $\left.{ }^{\circ} \mathrm{mm}\right)$ RV SV
asyai näryā upastare (ApMB ©atıre) AV ApMB Infinitıve forms, Whitney emends to "stite with Ppp
 kerān) VS KS ApS Namc of an anmal, of uncertain form, orlgon, and meaming
suganluh karma karanah karriyan JB sugam tvah karmah karanah karah karasyuh LS W'th karabyu ef the noun kára.s, RY?
rudra yat te krayi (VS KS kriv, VSK krain, MS MS giri') param nima VS VSK TS MS KS SB TB ApS MS Sre 847, all the forms are unintelligible
§674. There 18 a sort of superficial resemblance to these caser in certaln verb forms (eg the desideratives mentioned in §59:3), to be dealt with presently, and ablaut of a different kind (ay for $e$ 2) also appeara amung the verbal variants ( $\$ 582$ ) Here we shall append a number of variations between words which, while actually of independent origin, smullate the kind of ablaut relation here conadered, being unually quasiaynonyins and (but for the shift between a and i) nearly or quite homonyme
§676 First, capes in which $r$ follows (ci §578) Here we find two cases in which pralara, that is pra-lara, a comparative from pra, varies with forma in pra-tir- (verbal or nominal), in which tir is connected with the rout is 'cruss' The paychological affinity between this root as commonly used in Sanakrit and the comparative auffix 13 evident
draghiye dyuh pralaram (TA †pratardin, MG pratıram) dadhānah (AV *e dadhimi) RV AV TA AG MG dirgham dyuh pratirad bhepajánt TB äyur dudhänah pralaram naviyah AV Here pratirnd is a verb-form (prukarsena dadatu, comm), pratardm an adverb (comm prakarjena), pratiram, if correct, is the Rigvedic infinitive pratiram, but all but one of Knauer's mss read prataram in MS
aganma yalra pratiranta (MG prataram na) nuuh RV AV MG
$\$ 676$ Before other consonants than $r$ (cf 88570 fi), here might be mentioned, first, the three variants concerning the synonymous roots sam-tiay and samink, which are lated in \$28I Formally even closer are two variants between kyan 'injure' and kyi 'deatroy', also vurtual aynonyins
undra tudrtsto akyntah (AV akyitah) RV AV
akyatam asy (SMB omita asy) unsfarn SMB SG akitam (akstir) a82 (8еe §586)
prthtiz durur aksitioparımitīnupadastā (ViDh ahsatī) Kaue ViDh yathagner aksit! ApMB HG
\$677 Other near-synonyme
yajnãn devebher anntam (TS TB invo ) TS MS ApS TB †1 44 5b 'Accompanied' (anи $+\imath$ ) 'impelled' szsite srige ruksase (AV rakyobhyo) unnikse (ISS vinakye, AV mss ${ }^{\circ}$ niksue) RV AV TS MS KS niky 'pierce' nas (as if causative) 'destroy' But no such form of nas 19 otherwise recorded, and the KS form ts questionable
paıamãno daśasyať (SV dıs) RV SV Benfey would derive the SV form from stem disias $=$ diz (lex, and clase in compusition)
§678 Sunce it is umpozable to draw a sharp line between these casea and other lexical vaisante, we shall add here other cases which seem to us purely lexical, concluding with some false readinge or corruptions Firft, there are a number that concern pronouna (the bases a and i) and particles ( $h a \operatorname{hi}$, etc)
ato (AV MahEaC zto, TB tuto) dharminz dhirayan RV AV SV VS
TB MahänU
püruo ha (TA MahänU hi) jälah (JUB jajnèe) sa u garbhe antah VS TA MahănU SvetU SurabU JU'B
rivi ha (SS hi) dirghafrutamah TS MS KS TA AS SS e§n (TA MahânU eqn, SurasU eko) ha (TA MahūnU hi) detah pradiso 'nu sarvīh VS TA MabảnU SvetU SirasU vnsvam hi (KS ha) ripram pravahantı (MS ${ }^{\circ}$ (u) devih RV AV VS MS KS SB
agnit sudakpah sutanur he bhüfva MS agne sadaksah salanur (KS $\dagger$ ${ }^{\circ} \mathrm{nur}$ ) he bhutud TS KS
sreatho ha (Sãyana, AV Introd p 5, hi) vedres tapaso 'dhijãtah GB amutrabhuydd adha (AV adhi) yad yamasya AV VS TS MS KS TAA anildh反 yadı jijanad (SV yod ajijanad) adh反 ca nu (SV adhi ad ©) RV SV Two cases in the same pada vicā ctt prayatam (AS ca prayutī) devahedanam TB AS ApS durat ca vetva aurnod apa swith RV turas ad ensuam arnaval tapasuan AV
taveht (AV tha, AB eha, MG ta eva) AV AB AG SG PG MG Othera, $\$ 888$ eht containe the verb thi, eha 18 probably corrupt (Weber, INit 10 160), and eva 18 certanly secondary
anu manyasua suyaja yajāma (MS yaje hi, most mes yajeha) TS MS
 ${ }^{\circ}$ ta, KS na saltā, TS umane) RV VS TS MS KS N máno agne 'va (MG vn) arjo aphāya RV AG MG siryj apo un (MG 'ua) gahate MS ApS MG

Miseellanenus pronominal forme
Gite aiman (MS NilarU asmin) ni dheht tam VS TS MS KS NilarU ammal 'from us' asmin 'in it' or 'in him' MS has $v 1$ asman, and its $p$ parmat
 us particles here
yad uí me apı (LS 'pn, Valt upu) gachat AS Vait LS'
yo gī udijad apa (MS api) hi unlan (MS bulam) "ah RV MS ahir juyhāna (PG dadarsa) kam (AG MG kim) rana AG PG ApMB HG MG Here true pronoun forms, no one' 'nothing' mämļām kam canor chesah RV SV VS maisäm kam canur chişah TS TB ApS maıdomuc chesıkım cana AV Asin prec
§679 Remuter lexical vananta
mā nu vidad (KS vailhid) abhıbhà mo ábastıh AV KS TB Aps These forme are atill quasi-synonyms, 'find' (in a hostule sense) 'injure' dyutāno vijzbher yatah (SV hztah) RV SV 'Guided' 'placed' jîm:m tuā (Poona ed jāmı mitvã) má vurtsz lokā̃ı (Poona ed lukī̀t) TA rīmım ftvà tmūvu patsı lokāt AV See $\delta 198$
sukram vayarity asuràja nirnijam RV sukra in yarty asurdya nernije SV
vätajavarr (HG vãtājıràr) , see §268
anarsarâlım (SV alarşrā̀tın) t'asudāmı upa stuht RV SV AV N See §292
h;tou kralum varunu ( ${ }^{0} n a m$ ) viksv (apro, dikyv) agnım, вee §360 murdvarund baradahnam (MS ${ }^{\circ} \mathrm{ru}$ ) cikztrul (MS cikutlam, KS jugatrū, AS akutvam) TS MS KS AS See $\$ 45$
tusro yahvasya (MS MS jehvasya) samudhah parımanah RV MS ApS MS See $\$ 192$
nnsuakarnan bhawnana mám drdastha (SB manda astha) AB SB SS See 8840
abhe dyumnam (RV VS sumnam) devabhaktam yavitha (MS KS devahutam yavisthya) RV VS TS MS KS ApMB
rāyah zyāma rathyo vayasuatah (TB unasvatah) RV MS TB See §̧255

agnih pareyu (AS pratneßu, SV VS SB priye;u) dhamasu AV SV VS SB AS SS
hinvinu hetrbher yutah (SV hitah) RV SV
 balmariayiz (KSA imındiya), wheh auggeate that KSA has an assumilated form
sam padam magham trayizine na kimam (AA rayizani na somah) SV AA See §745
varūnı cärur (SMB cärye, ApMB cäryo, HG cāyyo) थn bhajāsz (SMB $b h_{f j}{ }^{-y}$, HG bhigr sa) jiman AV SMB HG ApMB
 AV Metathests of $a$ und a
§680 The following seem to be falze readinge
ahim (RVKh aham) dandraüyntam RVhih AV Both wordumake good senze, but Scheftelowitz ( p 62 ) realls ahtm for RVKh with hia ms
 (TB invatse) RV TB But Poona ed ventes, comm gloss ta Labhase
gävo bhagn giǹa indro me achän (AV ma irhail, TB with two AV mas †achāt) RV AV KS TB achän ia tbe only intelligible reading and 18 adopted by Whitney, see VV lp 130

[namah saxplījaraya (TS sazp ${ }^{\circ}$, Cone wrongly sisp ${ }^{\circ}$ for MS ) thimute VS TS MS KS ]
[mi no nadhih (Conc undhih for TS, wrongly) pntaram RV VS I'S TAA MS]
§681 In verbal inflemion there are a number of miscellaneona varianta
Thus the reduphcating syllable contann varioualy $a$ or 2 , included are some noun or udjective forinn based on reduplicated atems
pra bhanauah mstale (SV sa ${ }^{\circ}$ ) näkam acha RV AV SV VS TS MS
On thus and the two next see VV I 8272
rtosāva cakradad (and ${ }^{\circ} d v$ ) unne RV vrpo acikradad vane SV See prec

gatre) KS Vat MS pracis cojjagahire ApS See prec two
stutaram rd dzdhipeya (SV dudhist) radävaso RV AV SV See VV I p 90
hastagrdhhamya didhrpos (AV da ${ }^{\circ}$ ) tavedam (TA tuam etat) RV AV TA
Manymse of AV $\mathrm{di}^{\circ}$, which Whitney would read Cf however next
vahd (TB N vaha) devalra didhıso (MS de ${ }^{\circ}$ ) havinsı MS KS TB N
Cf prec The MS reading 28 not certain, several mase $d i^{\circ}$
\$682 In present formistions of different classes
muvirabhis tterate (SV TS tarati) RV SV TS KS Note the following r ( §573 $^{2}$ )
ardgaso adham it samkgayema TB arāgasu yathí sadam it namkstyema
Vait lat and 4tb class presenta, VV I p 125 In the latter $y$ is epenthetic
yac ca prüntı (AV ${ }^{\circ}$ atı) yac ca na AV SB † TB BrhU $\dagger$ lst und 2d class prosents, VV I p 123
yah próntit (AV pranali) ya im spnoty uktam RV AV Cf prec
 prec two
ni glarihi (AV abhi slana) duritä bidhamanah RV AV VS TS MS KS Cf prec three
§683 Tbe $i$ of the following is of deaiderative character, of Whitney $\$ 10,30$
na yac chüdresv alapsata (SS alıo ) AB SS An aorist in AB See VV I p 87
sa bhikgamano (SV bha ${ }^{\circ}$ ) amplasya rārunah RV SV Botb bhik? (a sort of deaderative) and bhakp are derived from bhaj, but function as quasi-independent roita
§684 In various miscellaneous verb forms,
ajijapata (TS TB orpata) vanuenpatayah TS MS TB MS See VV I p 192 Both are reduplicated (causative) aorists, the form with radical $a$ is influenced by the vocalasm of the causative, the other by that of the ample root
grhd mā bubhîa mā vepadheram (LS ApS HG veprdheam) VS LS ApS SG HG See VV I p 133
nibhd samdoyn navyavi (SV ${ }^{\circ}$ ddya navyase) RV SV ramdàyr is 3d ung
pasulve aor, samddya gerund (but awkward, with no finite verb)
yend ramalsu māschah (SV ${ }^{\circ} k_{2} h, M S{ }^{\circ} h 2$ ) RV SV VS ApS MS 'Whereby thou shalt conquer in battlea', RV (perfect subj) 'whereby (thou abalt be) conqueror in battleg' SV (adjective) In MS the adjective is made neuter, agreeing with manas '(tby) mind' in prec
samindra no (no) manaid negi (AV nega) gobhin RV AV VS TS MS KS SB TB See VV I p 105
pilã nobodhr (TA bodha) VS SB TA See VVIp 123

## a 2 in noun formation

§586 The remannunk cases, considerable in number, concern different noun auffices Pbonetics bas little to do with thern, at most they show how eavily different suffixal forma contaning a and 2 may exchange Moat of the variante are in fact practically aynnoymnus Thus there are many interchanges of past participlea in tu with nouns of action or abatracts in $t$, the change may or may not be accompanied hy slight changes in the prychology of the passages Thus the participial forms may be used as nouns, practically equivalent to the nouns in $t$, or the nouns in $t 2$ may become concrete in meaning, approaching the meaning of the participles Besides these cases, we find suffixal forma in na ni (the latter mometimes influenced by feminine stems), and ra ri, patronymica in ka $k$, heterochitic stems in $a(a n)$, stems in ara in(a), atems in in (in composition i) a(r), atenis in $a-k a \quad 2 k i$, and a remnant of unclasuitiable $a \quad 2$ forms
$\S 586$ We hegin with the auffixes $t a z$, and firat with those in which the participles atay close to ther onginal meaning, see alen $\delta 599$ below
 akiztü bhaksayant AV yathiksitim aksituyah pibarth (KS ${ }^{\circ} y_{j}$ madanti) MS KS 'Which umperiahable onc (imperishablmest) the imperishablenesses (AV imperishable ones) drink (or the like)'
akgistam ass mai putīnām (witb variants) ksesthí ApG ApMB HG BDh aksitam as mà me ksepthäh TS aksilam asy akistam me bhüyäh MS aksillır ası min we ksepthd VSK AS SS KS And other variations
 ${ }^{\circ} v t(\imath m)$ na rädhah RV TB 'Open up as it were hidden treasure' 'open up treasure, as it were a fence'
bradhrias eud alra (SV yasya) väto na jütah (SV jūtım) RV SV jūlah 'speedy', adj witb välo, jütım 'apeed', with change of construction
pra samrajo (SV ${ }^{\circ}$ jam) asurasya prabastim (SV ${ }^{\circ} \mathrm{tam}$ ) RV SV KB alindtram vargan pîrtir aurt (MS vavarsuán pirta rävał, KS vaurgodn pilla rduat) suh TS MS KS
§687 These are supported by other casea to which the participle is used as a noun, practically equivalent to the noun in th pupfapate raksupe MS pus\& palaye (AS "pate) pusfıs AS ApS pro aydotd indur indrasja nıpkrtam RV SV PB pra ud etindur indrasya nizkptim AV
nyan (AV myan) nı yanly upararya nıykrlam (AV ${ }^{\circ}(\imath, n)$ RV AV KS đkutım (MS MS MG ${ }^{\circ} \mathrm{lam}$ ) agnım prayujam sudhà VS TS MS KS SB MS MG
vóco urdhrlım (MS ${ }^{\circ} \mathrm{lam}$ ) agnım prayujant surihā VS TS MS KS SB In amme pasaage with prec
surflath (MS $\vee 1{ }^{\circ}(\mathrm{lm})$ no 'bhe vasyo mayantu KS MS sunstim no abhe (KS' 'bhi) uasiyo (AV varyo) nayantu AV TS KS
kfrulam nah surpiom (MS KS ${ }^{\circ} \mathrm{fam}$ ) VS TS MS KS
mayn pusitm (AV ${ }^{\circ}$ (am) †puptipatir (AV pustia, KS *pustipalni) dadhīlu (AG †dadatu) AV MS KS (four tımea) TAA MahānU ApS AG SMB
kuyavam ca me 'kpliśs (VS 'kıztam) ca me VS MS KS akyıtzs ca me kilyavās ra me TS
[adtyäs te ctım (KS Conc wrongly ritam) upūrayantu KS ApS ] punar brahmiño (AV brahmā) vasunütha (AV "nūtır, KS* ${ }^{\circ} d h i t a m$, v $1{ }^{\circ}$ dhitim, KS* [38 12b] † ${ }^{\circ}$ nitha, KapS ${ }^{\circ}$ idhitam or ${ }^{\text {it }} 1 \mathrm{~m}, \mathrm{MS}$ ${ }^{\circ}$ dhite) yajraih (AV MS KS *agre) AV VS TS MS KS SB ${ }^{\circ}$ nuhus iу a vanant for ${ }^{\circ} n \bar{z}$ áa, see $\$ 93$
§688 Coming to vananta between $n a$ and $n i$, we find in several cases that the $i$ is apparently due to influence of the femmine ending $i$
asapatini sapalnaghni (ApMB $\left.{ }^{\circ} n \imath g h n i ̄\right) ~ R V ~ A p M B ~ A p G ~ C f ~ n a p a i n i, ~$ for which sapatni $1 s$ recurded in the Rämãyana (BR )
gandharmiya janamide (ApMB janio swäh ApMB MG Cf the stems janu and jani Here, atnctly speaking, the $\mathfrak{i}$ and the $n$ are both radical, not suffixal (dissyllabic root jari)
somáya janivide (MG jana ${ }^{\circ}$ ) soihä ApMB MG Inasme passage as prec teşàm yo ajyänım (PG 'jyãnım) ajùtım àvahät (SMB Conc ajīım auahioh, but Jorgenoen text and comm as others) TS SMB PG BDh leşãn ajyanımı (MS ${ }^{3}$ namı) yatamo vahuĭ̀ (KS MS na āvahit) AV KS MS a-jy(ī-ni, 'non-oppression' $\alpha-j y d-n a ~ i d, ~ n o t ~$ recorded lexically, contains properly the suffix ana, which appears an $\pi \alpha$ after $\dot{u}$
haranyapakah sukunih HG heranyaparna sakune PG hiranymarnah sakunah MU
pururüpam suretosam maghonam (TB ${ }^{\circ} n \geq m$ ) VS TB maghonam may be taken either as an urregular acc ang of maghavan (cf RV maghonas, nom plur) or as from an a-extension of the weak stern, maghomim (inase) can only be from an rextenaion of the ame TB comm annavanlam, VS comm maghnvanturn dhanavantam
§889 Of the auffixes ra $r i$ we have only noted one vanant, of the word tattirt ${ }^{\circ} r a$ The usual form $18{ }^{\circ} r$, but ${ }^{\circ} r a$ occurs elsewhere, however in this passuge the MS pp reade tittimh mandüko mūsıki tultırıs (MS ${ }^{\circ}$ ras) te sarpānēm VS MS Cf §598, varyïbhyas
§690 The suffixes $k a$ and $k$ exchange in patronymica, really the exchange is doubtless between $a$ and $i$, ennce probably in all cases the promary noun contanned $k$, all occur in the aume passage
saunakam (SG ${ }^{\circ} / 2 m$ ) AG SG
kaholain kausitakam (SG ${ }^{\circ} \mathrm{krm}$ ) AG SG mahïkuusitakam (SG ${ }^{-k ı m) ~ A G ~} \dagger$ SG
$\$ 691$ Next, $a$ and, as finals in inflexion or composition of heterochtic stemis in an (weak grade $a$, always used in compounds, and tending to pass into the $a$-dpclension) and $:$, of the type asthan asthr asthabhyah (KSA avth ${ }^{7}$ ) svīhī VS TS KSA ut lisilha purusa harita piñgala lohitīkỳz (MahānU purıasihharitapıñgala luhtekya) dehv dehi dadapayntē me sulhyantiom TA TAA MahünU'
And extensions of such stems in suffixal ka (in compounds)
anakふıküya (KSA $\left.{ }^{\circ} a k i l y a\right) ~ s v u ̄ h u ̄ ~ T S ~ K S A ~$
anasthzkōya (KSA $\left.{ }^{\circ} u k i ̄ y a\right) ~ s v a ̈ h a ̄ ~ T S ~ K S A ~ A ~$
§692 A few cazes of meterchange between adjectives in 2 and participles (or quasi-partic.ples, mahat) in at dhruvas tasthäncdcalith (AV MS KS ${ }^{\text {c }}$ calat) RV AV VS I'S MS KS SB TB
parvala veüncūcalıh (AV MS KS ${ }^{\circ}$ calat) RV AV VS TS MS KS SB TB
dadher (SV dadhad) yo dhāyı sa te (SV rute) vayānsı RV SV enaś cakrvän mahi baddha esàm TS eno muhac cakrvän baldha †esa MS
§693 Variations between suffixal ana and in (ina)
tan nuu samvananam kftem MG tems samvaninau svake HG samvarana 'concord' sumvanin 'concordant' manyoh krodhasya mātanā PG manyor intddhasya (ApMB midhrasya)

ma no vidad (KS ordhad) urjind (KS TB ApS ${ }^{\circ}$ and) duesyd tyd AV KS TB ApS Both words mean 'decert', and seem to be otherwnse unknown
sunam agram nuirinah (ApMB subitanah) ApMB HG Cf next
 doge, of unknown orign and meaning
§694 Vanations between atems in in (in composition $\mathfrak{q}$ ) and ateme un $\alpha$ or an (once $a n$ by sandh for $a t$ )
tasya le †tadıpituryopahüunsyopnhūto (Vart valıpĩtasyıpahūto, LS vijapilasyopahūta [text 'hata] upahūtarya) bhaksayamı AS LS Valt tugya te väjıhir bhakpumktlasya vajıbhih sutasya vāıppitasya
 opahulla upahǜngya bhaksayämı VSK KS
odjam tuagne Vaıt vifı tvā ApS MS víjınam tū̄ väıın
KS vã̀rnam tuã väjedhyāyà (yapatraeãham) VS VSK TS SB
ava jyüm (HG dyam) wu dhanvaruit (HG dhnnunah) AV ApMB HG See $\$ 159$
malsud susipra (SV ${ }^{\circ} p r i n$ ) harivas tall (SV tam) imahe RV SV
bodherimand (SV bodhan ${ }^{\circ}$ ) id astu nah RV SV In SV pres Iple, brdhat
§596 Before femmine forme of the suffix $k n$, most commonly ${ }_{2}$ replaces $a$, see Edgerton, JAOS 3195 !
undyutam kanīnıkībhyăm (VS kaniña ${ }^{\circ}$ ) VS MS KSA vidyutau kanãmakabhyäm TS
 MS MG vitrasya knninıkāsz (VSK ${ }^{\circ} a k a ̄{ }^{\circ} r$ ) VSK TS ApS agner aksnah knninakum (VSK ${ }^{\circ} k a \bar{m}$, TS MS KS ${ }^{\circ}{ }^{\circ}$ kam ) VS VSK TS MS KS SB
 lititid dhnikd TS KSA
avajheakn nejzhoaka ApMB avajzhva nysthuza HG Here, in a manculne form, the a before ka in anomalons, it may be corrupt, or may be based on thought of a form "jtherr, wath suffixal in
§696 The rest are mageellaneous cases of $a \imath$ in aufixes and endings lavmen ma indro rurim à dudthitu AV tnsmin somo rucam $\overline{\text { a dadhatu }}$ HG ApMB Stems ruct and ruc Cf next
herismabrum nèrväram dhanarcam RV harıomastum na varmand dhanarram SV Stems $i c$ and $7 c-2$ (possibly with confused thought of arc:s?)
kuvayah (KSA ${ }^{\circ} y 1 h$, VS TS kuayrh) kifarur datyauhas te vdjnndm (TS KSA siniudlyai) VS TS MS KSA A name of an unknown anumal, p p of MS also kuvayzh
indrah ( $\mathbf{S S}{ }^{\circ} \mathrm{us}$ ) patıs turnsfamo (AA SS tavastamo) janesv a (SS janesu) AV AA SS Stems tavas and tunp- (the latter not used as a separate word)

 trientē syād trāvatl ApMB The word is otherwise tiluta, probably MG a to be emended
in slokin etu (AV etı, TS SvetU slokd yanti) pathyeva (KS pathema) rīreh (AV MS $\dagger$ sürh, TS SvetU oürdh, KS frirah) RV AV VS TS MS KS SB Svet U
agne varcadern (VSK ${ }^{\circ} \mathrm{van}$ ) varcasvinn ( $\mathrm{SS}^{\circ} \mathrm{\imath}$ ) tvam devesv ast varcasvãn ( $S S$ 'vy) whan manusyesu bhryāsam VS VSK SB SS
pradaksinın (AV ${ }^{n} n a m$ ) marutām stımam rdhydm (MS asyām) RV AV MS TB The old adverb pradakinnl, of anomalous appearance, is replaced by a more urdinary form in AV
minanya pulnz faramī syonā AV mā nah supatnah saranah syunā HG harsamanā⿸o dhrsilū (TB ${ }^{\circ}$ alā) marutvah RV TB N See $\$ 122$ and VV I $\$ 86$
 yat VS TS MS KSA Of uncertan ongin, amulates a compdund of a atem $k r k a$ - or $k r k z-$

## 2 Long ā and $\tau$

§597. These variante are few The monst interesting group concerna $\bar{a}$ varying with $\bar{i}$ as ending of the firat part of a compound or seeming compound We seem justified in thinking of the parallel feminine stem-endings $i$ and $\bar{i}$ in this connexion Thege femmene endings exchange themselves a number of times, as we shall see in our volume on Noun Inflection, which we may anticipate here by quoting the following examples
 SB SS ApS (bis)
upasthduarabhyo dāsam VS upasthquaribhyn †bairdam (so Poona ed text, and comm ) TB
 MG
trof rutarya (TB and v l of MS rudrasya, VSK ava rtasya) bhepajt (MS ${ }^{\circ}$ J) VS VBK TS MS KS See $\$ 684$
The compounds in question are, however, an obscure that it is hardly ever posable to be sure that they contan such femmine stems, or indeed even that they are really compounds (the last one certainly is not)
Ordhrah frtıkakgi virdhranasas te divydh (KSA virhio, ed em vdrdhric, te 'dityah) TS KSA The word (otherwise apelled with ī) seems at least to be felt as a compound, of värdhra?
 Cf prec, pp of MS vardhri ${ }^{\circ}$ In ghr ${ }^{\circ}$ we have another aminal name, of unk nown meaning and apparently found only here akhuh katu mänthilns (MS 'thälawes, VSK mändhīlas) le pitinā̀n VS VSK MS pdñktrah (kSA †pañklich, mes of both pdmera-) knsou minthilavas (KSA $\dagger$ man ${ }^{\circ}$ ) le prtmam (KSA $\dagger p z \bar{t}^{\circ}$ ) TS KSA See $\$ 77$
yd le aune harzsayā (VSK harī ${ }^{\circ}$, MS MS harā${ }^{\circ}$ ) tarūr VS VSK SB (Pratikas MS MS) harakaya is donbtless influenced by haras
udyutam kaninzkibhyäm (VS kanimi $)$ VS MS KSA vidyutau kanānakdbhydm TS Certanly not a compound, but weema to belong paychologically here
§698 The other variations of $\mathbb{d}$ and $\mathfrak{i}$ are very miscellaneous, mostly they concern inflexional eudinge of guine surt
 tuam lejanvēn devesp edhz MS See alao agrue varcasvin etc, §596
 MS
 indvacaryanih sahurzh sahóvän (AV sahiydn) RV AV MS Élpā vazsuadevinh (V's ouyah) VS MS gerlpis trayo varsvadeväh TS KSA Fem and masc forms, nomi plur
samini m ikūuth RV AV TB AG saminain (KS mi) aknütrinz MS İS MG iof fern aing à of neut plur vargabhyan tillırinn (MS ${ }^{\circ}$ rān) VS MS KSA SB ApS Acc plur of the words which vary in 8589
 most intelligent one' ' intelligence' sá saintātı (SV "tī, TB ApS ${ }^{\circ} \mathrm{ri}$ ) mayar karad apa srudhah RV SV TB ApS sumbati ace neut, and samtīta loc ang, froma samtati, on sartācī see $\$ 156$
añganı ca me 'sthant (VS and v 1 of MS 'sthint) came VS TS MS KS Stems asthan astht
lepam sam hanmo aksaniz (AV aam dadhmo aksinı) RV AV (Ppp has aksainı) Stems akyan akyz
bahu ha va ayam arargid MS bahu hiyam auryūd (KS inad) TS KS See VV Ip 129
tırro ha prajā alydyam dyan (JB iyuh) AV JB Imperfect and perfect of ?
In VV Ip 185 are collected some variations between atrong and weak verb atems in $(n) d(n) I$, which we shall not repeat here Add the followng
stuthr visuatuh praiz RV tírnîh unsuatay pare SV
§698a. There are a number of cases of interchange between gerunds in tori and tut As was to he expected, the form in tut is regularly the older aväd dhavyānı surabhine $k_{\text {Tled }}$ (RV VS kTtvi) RV AV VS TS ApS SMB
krtyassī padvati bhừwī (RV ${ }^{\circ}$ (ri) RV AV ApMB $k_{r l v i}$ (AV krlvi) devair ntkelbisam RV AY
$k r t v i(A V k n t i \bar{a})$ savarmām adadur (AV adadhur) veasuate RV AV N püvi (SV TS pitvū) sıpre avepayah RV SV AV VS TS SB
vayo ye bhütū (AV ${ }^{\circ}$ tuā) putayant naktabkth RV AY
sernnah snätū (AV 'tvā, VS SB snäto) malad vva AV VS MS KS SB TB
hitvī (SV hitvā) Sıro jıhvayā vāvadar (SV rdrapur) carat RV SV
apalàm indra (MG ${ }^{\circ}$ ras) trıys (trih) pūtū (AV pừtē, ApMB pürtvĩ, MG pūrty a-) RV AV JB ApMB MG

## 3 a and $\imath$ with shift of quantity

§699 Here are found only a few atray varianta too few to classfy Some of the variante in the preceding aections show ahuf of quantity as well ae quality, these will not be repeated We begin with variants of $\mathbb{d}$ and $t$, the firat two belong with those of $a$ and $i$ in $\$ 586$
 (Stenzler's Translation, p 36 n ) ApMB N
vyacasvatईqayanti subhūtıh AS MS instravacà isayantī subhüuth (KS ${ }^{3}(\bar{u}) \mathrm{TS}$ KS In the latter subhūtā is an adjective going with adilitir in the next pada
tan nu durga (TA ợh) pracodayât TA MabānU Durgı for Durga seeme to occur only here
Snyo (AV TB ${ }^{\circ} \mathrm{yam}$ ) vasdnaś carah suarocth ( $\mathrm{TB}{ }^{\circ} \mathrm{cāh}$ ) RV AV VS KS TB
angusanam (SV angopinam) avducsanta vdnīh RV SV Dhfferent casoforma of $a$ and in stems
adhe kpame urpunipam (ArS kpamd utiva') yad ash (ArS asya, MS $\dagger$ dsta) RV AV ArS MS TB
kara ad (SV ud) arthaydsa at RV 8V
anddhrita VS MS KS SB anvbhrold TS See 8176
$\$ 600$ Between $a$ and $i$ the casea are even fewer and equally aporadic sirach (TS MS KS saräh, AV nard) patatrınī (TS MS KS ${ }^{\circ} n \mathrm{n} h$ ) sthana (KS atha, AV bhütod) RV AV VS TS MS KS Beades the synonymous sard and sirā, sird is also found (RV) All are from rout $\begin{gathered}\text { r, cf } \\ \$ 5.570,573\end{gathered}$
amplenaytim puram (TA purim) AV TA Equvalent stems pur and (later) puri
yatudharebhyah kanłakikärim (TB kanłnkakaram) VS TB Both the stem of the firgt member, and the entire cpd, show shift in gender nayanto garbham vardm dhyam dhuh RV nayantam gtrbher vanā dhyam dhah SV Lexical
điminn (KS a sim) ugra (MS à samudrá) acucyairh TS MS KS ApS Lexical
virenyah kratur indrah subastih RV varenyukratūr (AV ${ }^{\text {itur, }}$ ApS udenya) aham RVKh AV ApS See §§383, 554

4 Interchange of short $a$ and 4
8601 Under this head we find a clearly defined group of cases, which seems to a no parallel among the $a \mathfrak{i}$ variante, in which a varies with $u$ berore a followng $u$, the influence of which must be partly concerned in the ahift To be aure both forms can aa a rule be explaned histoncally, the av forms as full ablaut grade, the uv as weak grade forma, representang $u$ before a vowel, or-in the few forms conceraing ronts in short $u$-epenthesis of $u$ between $u$ and following vowel Phonetic and morphological matters are no doubt blended here But the occurrence of eome forms which are morphologically anomalous confirmad us un the behef that phonetics cannot be entirely excluded The great majonty of the forms concern roots in $\bar{u}$ There is to be observed a atriking tendency to prefer the $u$ forms in SV , and the like aeerns to be largely true of MS
§602 In VV I \$23 we have already collected most of the verb forms which show thes variation The following are thoue from $u$ roots acikradat svapa iha bhuval (Ppp bhaval, Burret, JAOS 30 244) AV

Ppp Add to VY Il c
tasmat deva adhl bravan (MS KS TB $\dagger$ [Poona ed text and comm] ApS bruvan) VS TS MS KS TB ApS
tasmat somo adhi braval (KS bruwat) RV AV KS
yalra (SV yatrā) devd tì bravan (BV bruvan) RV SV
pra braväms (MS bruvima, v l bra") Aaradah salam VS MS TA ApMB ApG HG MG
sammislo aruso bhava (SV bhuvah) RV SV
uta trâla tuo bhaul (SV bhuvo) varülhyah RV SV VS TS MS KS Kaus
nemıə́ cakram quibhavat (SV MS bhuvat) RV SV TS MS
yol sume-soma ābhavah (SV abhuvah) RV SV
yad dūre eann thäbhavah (SV ${ }^{\circ} b h u v a h$ ) RV SV MS N
tutra pűäbhaval (SV ${ }^{\text {ºb }}$ ( $h u v a t$ ) sacā RV SV KS
asapatna klā̄hutam (ApMB bhavam) RV ApMB abapatnah kilībhuvam RV
samprych (TA ${ }^{\circ}$ yam prajayā) pasubhir bhava (TB TA ApS bhuval) MS TB TA ApS
marulvantant sakhyṇyn havīmuhe (SV thuvenahy) RV †1 101 1-7, SV [sufveśo anamion bhavd (Cone wrongly bhuvī for Ap.MB) mah RV TS MS SMB PG ApMB।
§603 From roots in short $u$ the cases are much fewer
abhz pra nonuvur (SV , mavar) girah RV SV (It ie not quite clear whether this as originally a short or long $u$ root) Here SV goes counter to its neual tendency, with av for RV uv
upa sraval (MS sruval, p p $5 r a^{\circ}$ ) suhhagā yajñe asmen RV MS On the anomalous and doubtiful MS form of VV ] p 106
tad ahum nehnave (SS ${ }^{\circ}$, uve) tubhyam AB SS 'Io be added to IV I 8193, ance it la a case of 1st and 2d class presents, the latter (hnute) 18 more regular
nediyn ut stnyah pakvam 反 yavan (Ppp yuvart, Barret, JAOS 30 207) AV Ppp (Others, see Conc) Add to VVII c
§604 The same shift is found in noun formation and declension, both $\bar{u}$ stems (placed first in the list.) and short $u$ aterna
 same passage.
vibhuwe (MS unbhue, KS fenbhave) suähñ, eame texta
samıdram ra suhavam (suhuvam, subhuvas) , mahz̧am nah subhvam (subhavas) , see $\$ 119$
indrah ( $\mathbf{S S}{ }^{\circ}$ as) putız tuvisfamu (AA SS tavastamo) jaresv © (SS̃ janesu) AV AA SS Cf $\$ 596$
sutrbhravo (MS ${ }^{\circ}$ bhruno) proinstm VS M8
purisavanam putsavanam AG punnuvanam asi ApMB The form in av is regular in the earher language, but that in $u v$ occurs first (n AV)
tad urpriso unpanyavah (SV oyuvah) RV GV VS NrpU VanuU SkandaU ArunU MuktıU
la uam otrbhir unpunyavah (SV ${ }^{\circ} y u v a h$ ) RV SV
sumidyuvah (KS ${ }^{\circ}$ yavas) sumnydya suminam (KS sumnyam) dhatta MS KS MS
tasya prajd apaarasn bhiruvah (MS bhiravo nima) TS MS
8605 Of other variations in radical eyllables between $a$ and $u$, analogous to the vanationa between $a$ and t treated in $\$ 8570 \mathrm{ff}$, we have noted surpramgly hittle We might have expected to find a number of cascs eapecally before $r$ (ci §573, and Wackernagel I §21), as in the two forma of the present atem karo kuru The chief cases we have noted, however, concern adverba and adjectives in par- pur-, which we ahall hat below in $\$ 015$, along with other variations in adverbs and particlea Otherwise the only case we have noted-the firat in the following liat-18 of very dubious character In it and practically all the others in this aection asumalation or disamilation seems to have been at work
sukarird suopalā (v l nuau ) MS nukurirá svaupaşā VS TS KS SB The unial form in kurira, the etymology is unknown If MS is correct, it may have dissumlation to the preceding $u$ (ou) aubhrtha nucumpuna (TS TB ApS necañkuqn, MS KS MS nacuñkuna) VS TS MS KS SR TB LS MS ApS N See $\$ 150$ Here dissumilation seems highly likely as an explanation of the a form, deapute the obscurity of the words
nucerur as nicumpunah (TS TH nucañkuna, MS KS nıruñkunah) VS TS MS KS SB TB LS Cy prec
samkasuko unkasukah AV MS samkusuko vikusukah TA ApS The ront 18 kas and the kus forme are certanly secondary, and apparently asamilated to the suffixal $u$ which followa Cf next
asmın vayam samknauke ( $A p S{ }^{\circ}{ }^{k}$ ıosuke) AV Aps Cf prec ni nuartain vartayendra nardabudn (KS nandabala) TS KS ApMB See $\$ 273$ Note that the variant vowel ts preceded by b, a labial conponant
etīm samkrsya (MS MS $\left.{ }^{\circ} k a y a, ~ v ~ l ~ º k u s y a\right) ~ j u h u d h i ~ M S ~ A p S ~ M S ~$ Here the original form was nether a nor $u$, but $r$, see $\$ 631$ tuce tandya (SV Svidli tumiga) tat su nuh RV SV Svidh The SV form if isolated, and probably due to the adjoining and aynonymous tuce

Benfey tries to explain it independently, which seems to us highly umprobable
8606. Next comes a rather intaresting, if somewhat heterogenedus, group in which the $a \quad u$ is found in the second syllable of a word, yet is not clearly suffinal, assimilation or dissimilation may again explain eome of the changes, but in one or two, at least, it seems that we are dealing with disayllabic roots, or root-determuatives, in $u$, of the type karo, karu- (VV I p 116 f , and references there quated) Most of the other words are obscure, often one is inclined to suspect that the variations in apelling point to a real uncertanty or ambiguity in the pronunciation of an unaccented vowel
karanam (TS karunam) ast TS AS SS Both words occur in the sense of 'religious work', but karanam 18 much communcr, and is secondanly substituted for the rarer but orignal karunam in this vanant varano värayatà (and, várayısyatı) AV varuno várayat TA The root vr, like $k r$, has dissyllabic forms in $u$ It is unnecessary here to conaider the old question whether Varuna 18 derived from it, the god's name (if the reading is correct, Poona ed has verano with v 1 varun(s) is here used obvinusly with punaing intent
So whth the verb-forms vanate vanute and the like, on which see VV I p 121, whatever their grammatical clasuification (discussed la), they seenu ultimately to have a sort of root determinalive $u$
agnir no banate (VSK vanule, SV TS KS vansate) rayım RV SV VS VSK TS MS KS
tad agner devo devebhyo narate (MS SB SS vanutüm) TS MS SB TB AS SS
8607 The reat are more dubious in character
pitvo (VS MS puloo, KSA urdeo) myañkizh kukkatas (MS kakuthas, TS KSA kasair) te 'numulyai (KSA ${ }^{\circ} y a \bar{h}$ ) VS TS MS KSA There may be asemilation in V'S or disamilation in MS, but the forms are wholly obscure tad vo astu xuctanam (JB ${ }^{\circ}$ tunam, SS sajosanam) AV AB GB JB SS Here both $a$ and $u$ may perhape be called suffixal, yet the vanant seems to belong in feeling to this group No uncompounded celuna is found, but sucetuna 19 recorded later, and cf RV cetu sımaxya räjnah kulumquh TS suntuiga kuluñguh (MS kulanguh) VS MS somāya rajuñe kuluñgah liSA The uaual form w kurnanga, and the mediul $u$ и apparently duc to assimilation to $u$ of the firet eyllable In both this and the next variant MS pp has kulu , contrarimise VS comm reads in both kula ${ }^{\circ}$, glossing kurañga sindhyebhyah kuluñgin (MS kılañāñ) VS MS Cf prec
yadase babolydm (TB sabulyam) VS TB para dehi damulyam (ApMB áabalyam) RV AV ApMB Popular etymology has confused two ongrally distinct words, ađmulya means a kind of woolen garment, and is not connected with sabala 'spotted' A derivative of the latter is concerned in VS TB, whose comms interpret 'a woman with spotted skin', the $u$ of TB. is either due to vague remmsoence of samulya, or to phonetic influence of the labial consonant $b$ ApMB is clearly thinking of fabala, and untends the meaning 'spotted garment', in RV AV ApMB reference is made to the bridal garment, apotted and umpure after the wedding night Cf $\$ 241$
5608 Next we come to cases in which the variant vowels are more defintely auffixal, and matters of noun formation Firgt a group in which the common synonyma caksan and caksus interchange Note the misreading cakpapt admavedasya in GB Bibl Ind ed, which is a mere misprint for cakpupi as shown by the followng \&, Gaastra reade correctly cakpupt Cakgas is an older form, which later texts tend to replace by cakius
namah sumudrarya cakyase (PB caksuse) TS MS KS JB PB LS apo mahi vyayutz cakyase tamah RV apo mahi vprule cuksusan tamah SV āyuf ca präyuf ca caksấ ca vicaksaś (ApS raksui ca vicakpu's) cu MS ApS
§609 Other, mascellaneous cases of noun formation
tarak $\quad$ uh (KSA $\dagger^{\circ} \mathrm{k} \beta a h$ ) kfynah TS KSA Both forms ntherwse recorded, original unknown
sidhu (SV saidhah) krnvantant avase RV SV As the accent of sä'dhu showe (see Wackernagel II 1 p 20), it is a noun, not an adjective or adverb It occurs anly here, and 13 replaced in SV by the equally unkuown să'dhas
 suterc AV Really a lexical variant, even tho the words may be
 §608, superficially
datvyī minānā manasā (VS manusah) purutrī VS MS KS TB sugantuh karma karanah karısyan JB sugam tuah karmah karanah harah karasyuh LS Cf $\$ 573$
ardrah prathasnur (MS †prthusnur, v 1 prathasnur) bhwanasya gopäh TB ApS MS Knauer, note on MS, would underatand prathasnu (TB comm prathanasilo) as dialectic by-form of prthumu
samdrglam ubhayam kptam (KS abhayam kralum) KS TB KS ApS Note metatheas of $a u$ in KS, which 18 poor and secondary, and of next
puñikasthald (KS $\dagger$ puñırga ${ }^{\circ}$ ) ca kttasthald (VS SB kratu${ }^{\circ}$ ) capsarasau VS TS MS KS SB Proper names, compounded of kfta hralu, cf prec Really lexncal, ance the words are radically not related dhanasprtam (MS dhanu', but pp dhana ${ }^{\circ}$ ) duswānsam sudakyam RV MS thanu could only mean 'winning by the bow', instead of 'wealth-winang', it 18 doubtless a bluuder, perhape helped by asamilation to the $u$ vowels of the following
§610. We have noted only nne case concerning noun inflection, a shuft between the genative and vocative forms of the stem savitar ohptavatì savitar (MS KS ${ }^{\circ}$ /ur) adhepatye (TS ${ }^{\circ}$ (yauh) TS MS KS AS
'In Savitar's nverlordship' or 'ın (thru) thy overlordehip, O Savitar'
6611 In verb inflexion, morphological change bet ween $a$ and $u$ vowels is farly common in ahifts between umperative and injunctive (imperfect indicative) endings, ( $n$ )tu ( $n$ )ta The instances are gathered in VV I, manly in $88136,156,159$, and need not be repeated here, annce phonetics are bardly concerned We and a few other atray cuses
addraspd bhavala (AY ${ }^{\circ}$ (u) devis soma AV TB ApS bhavala seems unnterpretable and may be a mecbanical form-asamulation, see VV Ip 283
ū pilaram vatồnharam avase kah (PB kuh' comm akah, glossed kuru) PB KS ApS MS kuhis impossihle and, if not a maspriut, must be a grose corruption for kah ('kah), VV I p 283
$\S 612$ The remaming cases of $a u$ urc purely lexucal A large group concerns the prefix sa and the particle su, whech are practically aynonyms as used in composition, and which exchange often with each ochcr, also the pronoun sa, and other exchanges of the syllahlea sa kl , of various character, are included here
ye sajälīh samanasah (Kaus vu) TB ApS Kaus ye samītuih samanaa $a h$ VS MS KS ŜB TB ApS MS
Salam jivenn suralleh survavirah (TB savirih, ApS suvirīh) AV TB ApS
á tuà vahantu harayah sucetasah (ApMB sa) MS ApMB HG ädrtyisah , wumahusah (SV sa ${ }^{\circ}$ ) kTmotana RV SV
agnih suluksah sulanır ha bhüdua MS agne sailukgah satanur (KS $\dagger$ $\left.{ }^{\circ}{ }_{n \mathrm{r}} \mathrm{r}\right) h_{\tau} \mathrm{b} h \mathrm{u}$ tua TS KS
name vidithiya ca saurdhe (TS samurdhuane, KS savrdhvane, MS suvfdhuane) ca VS TS MS KS
sajdiandm brauthya d dhehy enam AV T8 sa madhye braifthyd a

lad vo adu rucetanam (JB 'tunam, $5 S$ sajoganam) AV AB GB JB SS
marutudn catu ganawnir sajalavin (AS sujataih) TB AS
akah su (TS sa) loknm sukrtam prthuyāh (VS SB ${ }^{\circ}$ vyam) VS TS MS KS SB Here and in the next the pronoun a exclanges with ou

pra sumartyam (su mrtyum) yuyotana SMB ApMB pra an mityum yuyotana HG Here as seems uninterpretable, Conc would read an
dadhad yo dhayı sule vayainsz SV dadher yo dhāyz sa te vayāñız RV Here and in the next the pronnun a varies with a ayllable of of dufferent character, involving false divisons of words
samotaptd sa yudha indro ganera RV AV 8V VS TS KS samergldeu yulou indro ganesu MS
nrcakydh (MS sucakyāh) soma uta sukrug (comm and Ponna ed suśrug, MS sabrud) aatu TB MŚ If Poona ed 18 right, TB bas $\delta u$-, the reduplicating syllable See $\$ 14.5$
5613 Similarly, the particle $u$ varies with $a$ - of the augment, or with other $a$ -
yajrah prutyasthät (v l praty usthät) KS yajnah praty usthät sumatau mattram MS
lam ahve (SV u huve) vajasitaye RV SV In VV I p 26 we have suggested here possible influence of the following $v$, separated from the vowel only by the aspirate
urdm u ha (AV aha) prasansatı AV SS AG
8814. The particle nu varies mith the negative na, or with other na, sometimes involving false divisiou of words
lam le vi syamy àyusu na madhyät (MS KS nu madhye) VS MS KS
SB tham le lad er Byärny àyuso na madhyäl TS

updramah saparyan $\mathrm{HV} \dagger$ upı nu an марагуапи SV
 MS KS AS
mahdn indrah parat ra nu (SV purat ca nah) RV AV SV Metathessa of $a \quad u$
5615 Various adverbs and adjectives in pur-, par- interchange, this goce back to the same prebugtoric phonetic relations dealt with in $8605, q$ veades the last variant in $\S 614$, the following occur par püyō parastāt (AV pu') RV AV
yasmaj jald na pard nava kım canhsa TA yasmaj jalam na purd kım canaıa VS yarmaj jate na paro 'nyo (SS anyo) astı JB $5 S$ yasmal param najparam asti kimert TA MahănU N yamad anyan na param kım canāstı Vait yasmad anyo na paro ast, jalah PB yasman ra jätah paro anyo astı (NrpU 'stı) VS, TB ApS MahānU NrpU
[ye devíh purahaado TS MS KS ApS MS BDb ye devā agnınetrāh purahsadas VS SB Conc quotes parahuudo for TS I
§616 Miscellaneous variations involving other particles, adverbs, and hght. words, sometimes with false divisiou of words
pra na (SV na) indo mahe tane (SV tu nah) RV SV
sarve râdhyāh atha ( $\mathrm{S} S{ }^{\text {c }}$ y
devänso yasmal tvede tat salyam uparipruld (ApS aparıplutā) bharigera (ApS bhangyena) I'S SB ApS
ugro (MG ngne, HG ürdhvo) imrījann (MG vırijam) apa (MG upa-) sedhu (AV vזñkiva) satriñ (MG sukram) AV ApMB HG MG

apa snehitiretc RV AV SV KS upa stuhzetc TA See $\S 110$
tan brahmá tu (AV ApMB brahmota) sundhatı (AV sumbhati, ApMB sansati) RV AV ApMB
§617 The sume change occurs in other lexical variants, in words atill farly close in meaning to one anot her
mitro yatra (AV no atra) varıno ayyamanath (AV yujyáa) HV AV
devebher aktam (VS TS yuktam) adıtıh sajovīh VS TS MS KSA
vecă cit prayulam (AS ca prayuui) devahedanain TB AS ApS

anu stomam nudimaht (PB mulemahr) IIV AV PB
aimın gosthe karisinith (Kuus ${ }^{\text {onah, MS purisinih) AV MS Kaus }}$ Stc §152, note $\rho$ before $u$
 (Others, $\$ 52$ ) ī-sun su, near-synonymns
añıanlı suprayısam (Ppp yuйjantı suprajasam) parica jarush RV AVPpp MS Sec $£ 192$
valyosăvitra (MS väyusavitrbhyān) ägomuglhyām raruh (MS payah) TS MS INSA
pratnäso agna rtam kisuyīnçh (AV isianānäh) IRV AV VS TS
astmahz (MS u $\xi^{\circ}$ ) lvī MS TA
a rasmin (RV ${ }^{\circ} \mathrm{mım}$ ) deva yamase (TB yuvase) suasuin (RV TB ${ }^{\circ}$ vah) RV VS SB TB
ne galoatitı dhäraki VS SB ${ }^{\mathrm{c}}{ }^{\left(u_{l}\right)}$ ) dhămkä TS KSA

72 jolgulül (KSA nis †oalgalütı, ed em Onomatopoetic forme?
ve pirviso ya upardsa (AV ye apa ${ }^{\circ}$, some mss ya upa ${ }^{\circ}$, comm u pardsah) Iyuh RV AV VS TS MS
lyaje samradhanim aham SB BrhU AS SMB ApMB yuje (but read yage with most mas, Hillebrandt, $p$ 250) †amardham im aham SS agnau samrddhanim yaje HG]
8618 And finally, in words that are psychologically more remote prattpam prätisulvaram (AB asalvanam) AV AB SS Boehthngk regards the reading ${ }^{\text {a sutv }}{ }^{\text {e }}$ as a corruption of the other But the word is probably a proper name, and may as well contain autvan as salvan
soastı nah putrakfthesu (MG palhyãkflesu, v las RV) yonisu RV AB MG
 (TA ${ }^{\circ} k o i_{1}{ }^{\circ}$ ) TS TA
yamanya loke adhirajjur dyat (TA dya, MS loke nulher ajaraya) AV MR TA Bee $\$ 401$
adha sydma (MS athe syata) surabhayu (ApS syām asur ubhayor) grhesu AV MS KS ApS See $\S 840$
prathsrutkayd artanam (TB rtulam) VS TB See $\$ 0051$
numbhäncs (stambh ${ }^{\circ}$ ) , see $\$ 287$
n no rasfram unattu TB sam te rāplram anaktu AV See $\S 139$
 KS PB Vatt
тајипи, rajuını, sec $\$ 107$
ide agnim yvavanam (AV svavarum) namobhih RV AV MS TB AS See $\$ 466$
imav stim anupaksitau (ApMB atrapeky") AV ApMB
©dum jayantam anu (KS yi samjayantam adhi) yîsu vardhase KV VS TS MS KS SB
abhe sprtha usto vedim tatarde SSS vy usridho avro adrir bebheda TB
The TB looks generally secondary Comm asro mirasanakusalo

 certannly read) MS KS TB]
[havir hamisu (SV havisiu) vandyuh (SV Conc wrongly ${ }^{\circ}$ yuh) RV SV] |asmikam anfum maghnvan purwsprham SV Conc 'read ansam' for arisum, but ef Henfey's Glossary, perhaps antisun 18 correct ]
 $A B$ AS SS Both AS and SS probably contan muspnats, as aughested by Whatney on AV]

## 5 Other interchange of $a$ and $u$ vowels

$\oint 619$ The vanations between long a and $\bar{u}$, and between $a$ and $u$ with shuft of quantity, are neghgibly few and acattering We have noted only the followng of $\bar{a}$ and $\bar{u}$
divyo gandharvah ketnpūh (VSK ${ }^{\circ} \mathrm{pih}$ ) ketnm nah (MS KS omit rah) prinütu VS VBK TS MS KS SB SMB 'Purifyng (protecting) the will', the verb pundtu is cognate with -pūh of the onginal readling
plā devõndm jantū ubbhūvasuh (ApS MS nıhaia) RV SV ApS MS drapsuś caskanda prthwīm anu dyām (RV prahamãn antu dyūn) RV AV VS TS MS KS $\$ \mathrm{~B}$

yad annam admı (PrānāgU agnır) bahudhā vırūpam (PrānăgU virđddham, vv ll nırägam, unculdhani) AV TA PränāgU
§620 Besides the last, which also meludes a form with short $u$, we find short $u$ and $\bar{a}$ varying in
salhī suxievo adrayā̆h (Mahānāmnyalı ợuh) RY KS AA Mahūnãmnyah Nom alng masc of a; $u$ stems
yo nuh (AV mia) kailarul abhidisat druhei (AV druhuh) RV AV drahd, ınstr sing of stem druh, drahuh, nomi sine of ulj druhu sā pravēr (SG rupravēr) dhenukū (HG ${ }^{\circ} \mathrm{g} \overline{\text { a }}$ ) bhava AV SG ApMB HG Pronoun sī prefix su
 §§167, 193
§621 Vamants of $n$ and $\bar{u}$
 $\operatorname{long} u$ seems anomalous For the $u$-vocalism of ourita etr (FV I §10)
nakih (RV rū att) an dabhyate janah RV SV niz $=n u$ druhah pūsīn (TS IiS pāsam) pratz sa (KS HS See $\$ 612$
utsam jusabiva madhumuntam ürva (KS MS ūrmım, VS arvan, VSk ${ }^{\text {a sen }}$ sutadhāram arvint $)$ VS VSK TS KS ApS MS See §228

## 6 Interchanges of short 2 and $u$

\$622 These varianta are not numerous, and chefly morphological or lexical Of phonetic interest is, however, a amall but atnking group of cases in which texts of the Taitirlya school show a tendency to substitute $u$ fur $i$, in various formative syllables These arc to bc considered in connexion ontb the tendency of the aame school to substitute suffixal

0 for $y$ (88247-8) The tendency seems to us undemable, even tho in nearly every case one or another apecial consideration may have contributed to the change, so in
pareynuairam (TA ApS pareyu ${ }^{\circ}$ ) pravato mahir anu (AV it $)$ RV AV
mS TA AS $N$ (Pratikar, SS ApS Kaut Rndh) Tbis form of the perfect active participle of pard $+z$ is certainly anomalous enough in appearance, posesbly the u may be partly due to asamilation to the following $v$
hladike hladzkavulı (TA hladuke hladu ${ }^{\circ}$ ) RV AV TA Here, too, another motive is discernible The word is felt as a kind of primary denvative of ront hläd, 'cooling' Tha meaning in the Brähmana language is expreseed by the suffix uka, ef Edgerton, JAOS 31 104 ff But agan the form appeara only in a Tait text
gorv asvegu kubhrisu (TB ${ }^{\circ}$ urus) RV AV KS TB The gtem subhru occurs only here, the aurrounding 4 vowele may bave asasted (sesinnlation)
made-made $h_{1}$ no dadih (TB daduh) RV AV MS KS TB AS daduh can only be a noun form equal to dadih, and otherwise unknown (a 3d plural verb is not construable) The sambita rasa of MS have a different phonetic corription, dad $I_{r} k$, ed follows $p$ p
§623 In other texte $\imath$ and $u$ occasionally interchange in formative elements of the same type, hut in these the $u$ forms are less anomalous acety ngnis cikttuh (SV KS ${ }^{\circ} t h$ ) RV SV KS Perhaps agomulationiu SV KS
davyá (AV davva) hutāro (Ts ${ }^{\circ}$ rū, AV ${ }^{\circ}$ rah) vanızanta (TS vanısㅇ, KS $\dagger$ Uanzyan ra, AV samisan ma) purve (AV KS etat) RV AV TS KS The ancleut aonst, manusanta is based on vann-, the asme element inentioned abuve in $\$ 606$, end It is historically quite as jusified as vanizanta, which sa substituted for it in later texta (TS, contrary to its general trend') to bring it into a commoner type of aoriat formation
\$624 In two other rather obscure words assumilation or disamilation may be concerned
 susiliket supi-likif) See $\$ 279$


$\$ 626$ In verb inflexion there are many casea of variation between indicative endings in $i$ and imperatives iu $u$ They need not be hasted here, see VV I, e g $\delta 116$ Otherwne the remainigg variants seem to be
aporadic and purely lexacal, so far as not corrupt, unless one make an exception of the followng which shows two mere interjections, him and (commoner) hum
pasinnam tue himkärenabhijrghramy (GG ${ }^{\circ} \mathrm{mi}$, HG hum ${ }^{\circ}$ ) asau. SMB GG ApMB HG
5626 In several variante forms of root $s_{5} \tau$ exchange with $s t u$ or stu agne tvam suiklusig any upasruti ( SB AS SS ${ }^{2} t i, \mathrm{~TB}$ upaint to) ditns (TB divah) prthvyoh MS SB TB AS SS upastito divah jrthevoh TS
savasā hy as żrulah (AV śritah) RV AV But SPP śrulah for AV, with many mas (other mas sftah), and so Whitney's Transl
 ${ }^{\circ}$ ih $h$ ) AG PG ApMB MG And others, see §275
§627 The rest are sporadic
prajduclīh sūyavasam (AV ${ }^{\circ}$ se) rusantīh (RV TB comm ris ${ }^{\circ}$ ) RV AV
TB See Whitney's note on AV rus' 'ehining', tho no doubt secondary to $r 15^{3}$ 'grazing', 18 not impossible of interpretation and 18 clearly the reading of AV iradinion
priyo me hrio (MS hitu, v l huto) 'si (MS tbhava) TS MS Thus, as bet ween 2 and $u$, concerns of course only a textual corruption in the mes of MS
suarvilo abhz gī adrımı usnan (SV ısnan) RV SV See $\$ 401$ patı jrıyam rıpo (and, rupo) afram padam veh KV (both) pãty agnır inpo agram padam vch ApS Read rupn in both RV passages, of Ludwig ad loc , Blonmfield, JAOS 27 75, and RVRep 184
ajām tvā sadlıısı (MS $\dagger$ sadhrısu) sñdayāmı V'S MS KS SB See §353 The MS 18 mangled, 19 its ending felt us loc plur ? (sadh $\boldsymbol{q}_{\boldsymbol{\rho}}$ loc sang )
upa yañain asthita (MS astu no, AY comm astrta) vazsuadevi RV Kh AV ApS MS
 $\bar{a}$-svar 'I fan (instigate) you untn great bounty' In SV we have an intereating case of azmimition in scmat to out ward form The ending $e$ auggestis a dative matclung the following radhase, bence insise 'unto blessing', which leaves the efntence withnut a verl) Benfey anpphes 'we summon'
thasyarterua mām utu (TA ita) TB TA thasya tv enam ūmutal. (p p tu, enam, $m n^{\prime} m$, uttam ma') MS (corrupt in both forms) 1'A comm takes itn as a verb form (= prippuita)
mandance ud vrjāyate (SV id irgäyase) RV SV
pad id yama (TA udyami) tyayo devajd $2 t$ RV AV TA N
ud it le varuvitlamah Aps ud u tye (MS MS ud-ut te) madhumattamch
RV AV SV MS GB PB AS SS Vait MS
sarván utan anu vidur vamsthith RV sarenm uktam anuundur vasigthith JB
 ApMB MG
sugandhrm (nuhandhum) , see $\$ 152$
lokam (IRV ulokam) u (ApS ad) dve upa jāmī (RV jàmimi) ìyaluh HV MS ApS
[väthpe piun ad bhava IIV KS $\dagger$-Cone ud for KS ul]
nadya fatrum ranus ( $\mathrm{SB} \dagger$ na nu) purā vintse ( SB yuyulse) RV SV
See $\S 255$, and other interchangee of in yu in $\S 805$
nlivaridaya ruäh KSA iluvardäya suihie TB ApS See $\$ 579$
achidrd ubizah paddnu taksuh TS achultokijah kuvayah padinutakilsuh
(so text, em by Caland, ins $\dagger$ podanitaksisuat) KS
vatanz (MS TB Apś vralánu) bibhrad vratıpà adabilhıh (TB SS ApS SG adaihhyah) MS AB TB AS SS Aps SG

7 Interchanges of long $\bar{i}$ and $\bar{u}(u)$
§628 Here are found only a few otray variants
ürjum samssidena (KS.A 'sidema) TS KSA Party of a Lorse's hody, wholly ob,seure TS comm sum.südam samtatakyarano mäòknīhh
$v_{\text {sinnur cipritapã àpyãyyaminnah VS apütapa āthüyamānah TS The }}$ passatpes are rather low buthos
ahir na jürnam ('T'B aher ha jirnām) ati sarpatt tuaram RV SV TB Both participles of the dissyllabic root $j$ f The if form is regular in Sansknt, but the Vedic $\bar{u}$ form survipes in Prakrit (Edgerton, Ind Stud C K Lamman 27)

eam im (SV' u) rebhāso usvarun RV AV SV



## CHAPTER XIV VOCALIC LIQUIDS AND OTIER VOWELS

§629 With the chapter we once more catcr defintely into the sphere of Prakritism In a cunaiderable number of casea the variations seemito be, in fact, stnotly Prakritic That is, $a, 2$, or $u$ vowrls are historically secondary, and ure derived from $r(l)$ by phonctic changes as in the Prakrit dialects These are flanked by cases of hyper-Sanskritism, in which an older $a_{1} i$, or $u$, which ia conceived (perhape wrongly) as Prahritic, is replaced by $r$ in a secondary lext These are not leas interesting than the other cases from the phonetic atandpoint, as helping to show the widc apread of Prakritian in Vedic times
§630. We also find nut a few variations betwern vocalic $r$ and consonantal $r$ with anuther vowel, esperially when that other vowel is 2 or $u$, we are reminded of the later pronunciation of $r$ as $r \boldsymbol{r t}$ or $\mathrm{rl}_{6} \quad$ On the other hand the not infrequent variations between $r$ and $r a$ or ar are manly matters of ablant, in so far as they are not leacal Pcrhaps the majority of variante in the entirc chapter are indeed in anme ecnse lencal, that is they concern, or at least may concern, lexically independent forms But even then it is still perfectly poasible, and indeed highly likely, that Prakritic influences have been infuential in the shift, even the the exact extent of that influence cannot be determaned Cf our remarke in §20

$$
1 \quad t \text { and } a \text { (one anomalouq (rase of } \bar{n} \text { ) }
$$

§631 We shall quote first the caves which can with mout cunfilence be classed as purely phonctic (Prakritic), beginang with une in the Rigveda itself
ava sma durhanayatah (SV durhrn ${ }^{\circ}$ ) RV SV The SV has (eecondurily, of course) restored Sanskritic vocalam in the Prakritized form of the RV The ront is onginally hrn, and this form continued to flourısh by the side of the early Prakitism han
¿säm khrgalyam saiam (Aps hhagalyum sapham) MS Aps An uncertain part of a wagon 18 meant The natural presumption of Prakritism arising from the juxtapuation of the two forms at supported by the furm khrgala, RV, if that word (of uncertan micaning) may be ansumed to be related
paşthaväd (MS prsthaväd, pp partavad) gaur vayo dadhuh VS MS lis

The first is struking because of the persistence with which the Prakritic form occure, in three out of four texta, and even in the fourth a $v /$ has it
Lejo yaiosiv sthaviram samiddham (SG samrduham, v I sami') SG PG ApMB HG See Edgerton, Studzes in Honor of Hermann Colliz 34, samidilham 1 s pretty clearly for nampddham dadhisa ehi ApS dadhriy ehi MS The forms are voc aing fern, and the firgt can hardly he anything but a Prakntic forin of root dhra, so apparently Caland, who renders 'Kühne'
To these may be appended another, in which however $\mathfrak{z}$ for $r$ seems to be a textual corruption
ayaun satrūrı jayatu jarhrsanah (AS $\dagger$ jarhes ${ }^{\circ}$ ) VS VSK TS MS KS SB TB AS But elsewhere AS has the vikūra ahan $\mathrm{fa}^{\circ}$ jaydmı jarhránah, indicating that jarhis ${ }^{\mathrm{a}}$ is corrupt
$\S 836$ An interesting case, with a aort of lexical hyper-Sanakritism, is the next, gotrabhrd is probably felt anphistically as supporting the gens', but is fundamentally hyper-Sanskntic (the true epithet of Indra can only be the familar gotrubhul), cf Edgerton, Studies in Honor of Hermann Collitz 34
puramdaro gotrabhtd (MS obhrd, all mss, TB maghavän) vajrabähuh VS MS KS TB
§697 In words cloaely related in meaning, when the only or chief difference of form 18 the shuft between 2 and $f$, it 18 farr to assume some degree of Prakitic influence, even if the forms are both hatoncally correct
 roots $r$ and $t$ are synonyma But Poons ed of TA jāmı mitvà adatydndm prastar (MS 'astzr) hetzr ugrã MS TB TA 'Extension' 'progresa' Cf next two
prayutis ca me prastis (MS KS ${ }^{\circ}$ oftis) ca me VS TS MS K8 Cf prec and next
dirghdm anu prasitim (KS amplim) dyuge dhdm (ISS tud) VS TS KS SB TB dighdm anu praetim samaprsetham MS Cf prec two uam dhiraso anudrbya (VSK ${ }^{\circ}$ drása) yajante (KS †anudrsydyajanta kavayah) VSK TB KB TB tein dhiräsah kavayo 'nudisydyajanta MS $\mathbf{u m}$ u dhirdso anudisya yajante VS SB anu-dis 'asagga' anu-drá 'burvey'
tam phed (MS hed) agnar urdhdualı (MS uidh ${ }^{\circ}$ ) RV TS MS In the original there are two words, urdhd avati MS 13 obscure and probably corrupt, pp vadh (mic), avati

8638 To this same group belongs the angle cuse uvolving long I ; it is of doubtful validity, since most MS mse read ${ }^{\circ} m$ rte with the rest, and probsbly this should be adopted in the text But the form as prnted can be interpreted as a negative past participle of rout me 'change, alter'
tasmin sidämrle prutitutha (MS text sidàmite prutilişhan) TB ApS MS Add to VV I §250
$\$ 639$ Stull pretty close to each other in meaning are the vanants between huta (or dhtea), participle of dha, in compounds, and bhita (once $h_{T}$ a), from $b_{T}\left(h_{T}\right)$
sa tvē rasträya subhtiam bıbhartu (Ppp pıpartu) AV sa no rāstrestu sudhutam dadhâtu TB
gandharvo dhäma uthrtum guhā sul VS ga ndma mhhltam guhāsu TA MahānU And others, 5855
devar devih samihhtīh KVKh (but Scheftelowtz ${ }^{\circ} h r t \bar{h} h$ ) devir devazh samahtuh (TB "bhtiah) SV 'TB
yad agne pürvam prabhrtam (AS prahitam, MS mhztam) padam hi te TB AS Apś MŜ
heranye 'smin sumathitich (RVKh Schefiplowitz ${ }^{\text {chiluh, }}$ HG ${ }^{\text {obhtitah) }}$ RVKh ApMB HG
parbha wa (SV KU [Poley's ed] wet) subhrto garbhinibhich (RV sudhito garbhnīisu) HV SV KU
süryarasmım samäbhrlum TS TB süryiñ ( p p 「yïl) sukram sam ïlhrtam MS sürye sunutn (KS TA sukrum) samähtam (KS TA samübhtlain) VS KS SB TA
§640 Rather remoter are the remaming lexical variants priyo ma hrdo (MS heto, v I huto) 'st (MS fblava) TS MS'
 Vs MS KS SB
 hoträvidah (RV ${ }^{\circ} v i d a, ~ T B ~{ }^{\circ}$ ordha) stomatastīso arknah IL' AV MS TB
 KS TB ApS
indrartubhir brahmanā vövidhdrah TB ApS indra rohubhir brahmana samvdãnah $S$ S
 AV TA
atrahu tad urugäyasya viynuh (RV N visnah) RV VS TS MS KS SB $N$ Visnu is meant even in IRV, later texts substitute the name for the epitbet
prantar rinaya athiunrir (SV pranlanksat sthàiris te) astkpata RV SV vacaspale hrdudhe naman (MS MS hinundhe) MS TA SS MS All mas and $\mathbf{P p}$ of MS agree on the gtrange form Even hrdindhe is none too elear (TA comm hrdayasya vidhdtah cttapretakety arthah)
uftrasyãor (mitra ${ }^{\circ}$ ) see $\S 235$
made-madc hi no dadih (TB daduh, MS samb mas dadrk) RV AV MS KS TB AS See $\$ 622$
adtuhathāh sarkarābhis triuşiapi (MS tribhrstıbhih) KS ApŜ MS See 8222
idano vi sya ( $=$ styd, TS srjã) drlim AV TS MS KS
upa yajnam asthila (AV comm astrla, MS astu no) vaızvadert RV Kh AV ApS MS
 "nau, AS SS vim tydide AV TS MS KS AS SS See §236 [esa radya (AV Berlin ed ryaye, einendation) mamahe AV SS Keep zsida with AV mas]

$$
3 T(f) \text { and } u(\bar{u})
$$

$\$ 641$ The not very numerous variants under this head seem to be prevailingly Prakritic in character We should expect u for respecially in the vicinity of labial consonanta, but except in the firat variant (before $m$ ), we hardly find this to be the case, the only other instances with labials (eg bhr and bhu) are lexical The most elearly Prakritic esses are
tuaptrmantan (MS MS tuastria, ApS trastui) teri a apema VS MS KS SB KS ApS MS Cf tuastrimati (TS Aps and TA Poona ed tras $\left(i^{\circ}\right)$ le sapeya TS TA ApS The Taituriya form is feminized ut (Vat adhāma) aukthyā (SS Vait ${ }^{0} y o r$ ) ava gulam (TS KSA ApS sukthyor ordam) dhehz VS TS KSA SB SS Vait ApS Altho orda seema not to be reeorded elsewhere, it may be presumed to be the onginal form of guda
eldm sanikfyya (MS MS ${ }^{\circ} k a p y a$ or $\left.{ }^{\circ} k u s y a\right) ~ j u h u d h r ~ M S ~ A p S ~ M S ́ ~ S e e ~$ \$6.31
rtaprajatā (MS ula praí) bhaqa ul vah syãma TS MS This may be called a lexical variant, annce MS makea sense, but it is doubtless fundamentally Prakritic
§642 Some varianta are on their face hyper-Sanakritic, but probably both are mere textual errors or corruptions
sa nırudhyā nahuso (TB Conc nahrpo) yahvo agnıh RV TB But Ponna ed of TB text and comm nahuso, the only posable reading
devam marah kutu (AV krto) adhi prajalam RV AV Altho all mes of AV apparently agree on $k$ to ( $\mathcal{L}$ we underatand Whitney's meaning), it seems that we must read kuto, with Whitney
made-made $h_{2} n o$ dadih (daduh, dadrk), see §§622, 640
8643 Mure purely lexical varianta are
prigo me hrdo (MS hito or huto) 'si (MS †bhava) TS MS See $\$ 640$ agner (ApS devä) akrnvarin (RV apurann) ubijo amplyave (RV ${ }^{\circ}$ vah, ApS amartyave) RV MS ApS
vanigthor hrdaydd (AV * wdarāll) adh HV AV (both) ApMB
upa yajñam asthzta (astrta, astu no) , see §640
 Note labial consonants preceding $T u$
đyurdd deva (AV agre) jarasam vrndnah (ApMB ApG HG grni) AV MS KS MS ApMB HG ApG ayyrdā (VS SB dyupman) agne hauso juß̄ānah (VS SB SG haussa urdhduah) VS TS SB TB TA AS ApS SG
§e4t The only cases of long $\bar{u}$ and $r$ concern compounds of the roots bhiu and bhr, which are practically aynony'ms here adbhyah sambhrlah (TA MahānU ApS sambhütah) prthwyà (MS KS $\left.\dagger{ }^{\circ} v y a ̄\right)$ ranāc ca (KS rasah) VS MS KS TA MabānU KS ApS PG
samvȩāyopave§āya gāyatryar (PB SS KS also trastubhe and jagatyar, TS ApS oayatriyás trisfubho jagatyä anuầubhah pañktyā) chandase (TS ApS omit) 'bhebhūtaye (TS ApS abhibhütyan, SS 'bhibhrtym, KS 'bhıbhütyaı) ruâhū TS PB SS̉ KS̉ ApS arıslyà avyalhyar samvesinyopavesāya gāyatrya (also trishıbho, jagalyā, anưtubho, pañktyā) abhıbhütyaı rvähā ApS
Once $\overline{7}$ is corruptly written $\bar{u}$ in a single ma
tūsmm nuatit ajanayat (MS suar ajaran, KS ms $\dagger$ suasir [ed em suabir] ajanan) pañca-parica TS MS KS

## 4 landu

5645 There are two casea, both conceming the samuc very interesting form A perfect middle participle of root $k l p$ appears twice in ApS with $u$ for $l$ There 18 no doubt whatever of the correct. nterpretation of the form, which is eatabhahed by the KS variant, with correct Sanakpit vocalism It 18 the cleareat kind of Praknitism, but seems not to be recorded in any grammar or lexicon, nor in Whitney's Roots
samvatsara rtubhzh samudanah (KS ${ }^{\circ}$ bhis caklpinah, ApS ${ }^{\circ}$ bhis cakupanah) MS KS ApS
salyam pürvarr (KS ${ }^{\text {o }}$ vebher) rabhth samerddnah (KS $\dagger{ }^{\circ}$ bhis caklpdrah, ApS cakupdrah) MS KS ApS

$$
5 r \text { and } o
$$

§648 In a single lexical variant, ahowing forms from the roots orh and guh grhyopagrhyo mayouhūr SG gohya †upagohyo SMB PG.
$6 r$ and $a r$
§647 The variants under this head are not very numerous, and are almost excluavely concerned with ablaut That is, the variant forms are nearly all mil-grade and full-grade formations from the same root, in verb inflexion or noun formation Lsually both forms ean be juatified by regular grammar, altho a number of them are grammatieally more or less irregular
§848 The following enncern various finite verb forms
pary agnim ahrsala (VSK tarsala or aharsala) RV VS VSK parime 'onim argata AV (Ppp ms aharbata, Barret JAOS $43 \mathrm{P9} \mathrm{em}$ ahrsala) Sikmatic aonista from $h$, weak-grade or guna, the latter is ungrammatieal, and if it is to be accepted (cf VSK and AVPpp) It 18 to be regarded as a blend of ahrsata and arsata
bahu hdyam (MS ha vi ayam) avisad (TS aursad, MS avarsid) ith stula rival (MS "ual, TS srutar aurt) suàhá TS MS KS See VVIp 129
praty $u$ adardy (TB $u v \dagger_{a d r} \leqslant$ ) nyati RV SV TB AS SS This can only be a 3d aing aor pasa, with $r$ in TB anomalously for ar (comm dryyate) To he added to VV I §281
bharlam (VS SB bhflam) agnem purisyam VS TS MS KS SB See VVIp 188
agne 'bhyāvartinn abhı ma nt vartasva (TS abhı na ù vartasva, KS abhı no nuvarlasua, MS abhi mièvartasun, Kaú abhe na a vautcoua) VS TS MS KS SB Kaue abht na a vartava RV See VV I p 126 punar ürjd na vartaviva (Kaúa ürjd vavrliva) SV VS TS MS KS SB LS MS Kaúa
ime jiva en methar duautran (TA àvavartlın, Poona ed ${ }^{\circ} \mathrm{r}$ tın) RV AV TA Ste VV Ip 42
nädhria d dadhrfate (AA dadharsa, SS dadhargayd) AV AA SS̃ See VV Ip 89

5840 In vamous participlee and gerundives
adıralram varpan pirtır durt (MS vavargrūn pirta rāual, KS vavrsuan pilla ravat) suaha TS MS KS See VV Ip 147
jdgarilaya (KSA jdgrtaya) svad TS KSA Both equivalent participles adha le visno undusd czd ardhyah (TB rdhyah) RV TB Gerundives, of Whatney $\$ 963 \mathrm{~b}, 4$
ddma privdsv avrmokyam yal (TS avicartyam) AV TS pdsam grivasu avoartyam (VS SB ${ }^{\circ}$ crtyam) VS MS KS SB Cf prec AVPpp according to Whitney has "cftyam
5650 In ot her noun and adjective formations
sam mether (ApMB sam le methi) bhavatu sam yugasya tardma (Ap.MB trdma) AV ApMB No stem trdman ls otherwise known atandrdso yuatayo tenbhrtram (TB ubhartram) RV TB Poons ed of TB text and comm bibhartram Agni 18 referred to, TB comm posakam
aprajastäm pautramrtyum Ap.MB HG aprajasyam paudramartyam SMB Comm on SMB repeats the form, glosang pudrasambandhimaranamı
pra sa (tead su?) mrtyum yuyotana HG pra sumartyam (ApMB au mrtyum) yuyotana ApMB SMB prathamam artim yuyolu nah MG
agner (ApS deva) akrnuain (RV apunaran) uisizo amrlyave (RV ${ }^{\circ} v a h$, ApS amartyane) RV MS ApS In ApS a blended atem-martyu (fused from marta, martya, and mrtyu), cf prec
jivalave na mplyave (PB martave) RV PB Infinitive in PB
sarüpavaryd ehr MS sarūpa vr३ann n ă ahi SV JB
vanasade (MS vanarsude, KS vintipade) vef (TS MS uaf) VS TS MS KS SB The stem uanar, equvalent to vara, is found in RV iu compounds It does not necur independently, and vane is not recorded even in compounds except here The next preceding phrase in KS is nfyade vef, the $r$ of $n T$ has perhapa been responsible for $\boldsymbol{v a n} r^{\circ}$
devah paniu yajamdnam nyarthat (AV nirthdt) IRV AV T8 Synnnyms, both meaning 'perdition', nirftha also Rigvedic
[neskartd (RV KS $2 s^{\circ}$, ApMB Conc wrongly niskria) vihrutam (PB TA ApMB whrtam) purah RV AV SV MS PB TA KS ApMB]
5661 Miscellaneous and apparently unrelated words pratitrulkedy arlanam (TB rtulam) VS TB artanam, comm duhkhinam, BR 'reviler', tulam, comm debardjaverriakathanastlam
samikdya twd TB erdikdya tva MS Both words wholly obscure, sand to mesn 'water' dungas laradhyd (ApS ${ }^{\circ}$ yaz) traya na tyave (SV frase) RV SV KB AB ApS duzpas lad adhy arnaveneyase AV

$$
7 r \text { and ar }
$$

$\$ 652$ Here we find unly a few cases, in most of which dr shows the vriddhu of eecondary denvation, varying with the primary word with $r$ Once a form with prefixed prepusition a varnes with the same form without d
aprajastuam märtavalsame AV aprajastām pautramptyum ApMB HG Others, 8850
drtavd (MS KS rtaun) adhipataya (MS KS 'dhio ${ }^{\circ}$ aisan VS MS KS SB arlavo 'dhepotir essit TS
tawo 'sjyyanta VS TS SB ārtanā astjyanta MS KS agner orhapatindm (MS KS girhapalydnam) VS TS MS KS SB drlyai (TB rlyar) juravidinam VS TB Stem rli, from $r$ ärtı, from $d+r$

## $\$ \quad r$ and $u r, u r, u t$

§653 Here are found only a handful of cases, almost all of whech seem highly questonable or certanly corrupt Even corruptions are interesting in such a case, however, as signs of phonetic tendencies in later times at least As to $r$ ir, we find just two chaes in which the samhitā insw of MS (the same text each time') read $r$ for proper ir In both cases the pp pointa to the reading ir Von Schroeder inconaistently retains $r$ in une case and emends to $i r$ in the uther, there 19 as much, or as little, justification in one as the ot her
 anuttam à le maghavan naker nu (MS mıs nakfnu, ed em nakur nu, pp raker, tu) RV VS MS KS
§654 Under $r$ ur we also find only a couple of cases, equally dubious agner duārā $\imath$ ry rnuatz RV TB Cunc quotes urnvalı for TB, but. Poons ed text and cornm $m^{0}$ without $v 1$
sadyaujasā drnhand (MS durhrnñ, KS †drhanā̀) yam nulethe TS MS KS And others see $\S 305$
nabhimfise (MS KS näbhidhrie) tanvā (TS tanuvã) jarbhurãah (TS MS KS jarhrodnah) RV VS TS MS KS SB Might also be classed in $\$ 643$

8653 Of $r$ uir we fiod only the followng, in which the root $f$ varnes with the so-called 'root' ürnu, really a form of $u r$ tuepas le dhūma rnvatı (AV urnotu) RV AV SV LS KS MS

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9 \tau \text { snd } r a, r d
$$

§666 In so far as the variation is properly phonetic, it is mannly a matter of that form of ablaut which is called by modern westerners 'Sumprasarans', with a misapplication of a term used differently in Hindu grammar On thas see Wackeruagel I pp 69-71, and of the aimilar variations of $z$ and $u$ with $y a$ and $i a$ in the nort chapter There 18 one case, also, of $r$ varyine with $r a$ which stands for ar before $\rho$ plus consonant, by the phonetic law furmulated in Wackernagel I p 212 f There are likewise a few variants which concern murphology (verb inflexion, and noun formation) and a few that arc purely lexical, with some border-lune cases which secm tu be half-lexical, half-morphulogical
$\$ 657$ The cases of so-called Samprasärana concern to erme extent roots which are familiterly hnown in both furms (euch as grah, grabh), to some extent rarer and more doubtiful cains which are not recurided in Wackernsgel's excellent treatinent of the subject They thus supplement our previous knowledge on the point We begin anth several variations of grabh, grbh, on which sec especially VV I $\$ 281$
agrbhīt VSK agrabhit VS AS SS
agrbhī̀ata VS agrabhivata KS
udgräbhenoil agrabhïl (MS ajugrabhat, KS ajigrabham, and ajügrbham) VS Ti MS KS SB
agnaye tuī mahyam pratigrahitre (SS oprhnate) VS VSK MS SB SS prāno dütra edhı pratıgrahitre (SS ’orhnate) V'S VSK ŚB SŚ The same with hayo duitra
Sumilarly ablaut grades of another root, in variuus verb forme usse usyam aprkthīh (apriy api) AV (both)

S658 In radical syllables of various noun formationa the eame change id familarly known Must of the followng cascs are sporadic and are not recurded in Wackernagell c, some of the furms are so obscure that no theory of hatoric origin cen be regarded as certain, aud the phonctic shift may perhaps be secoudary and analogieal
hradam (MS hrdam) ua hi tuā nyrsanty urmayah IVV. MS 'Like streame to a pool, flow down to thee (the hymans, brahmaini)' The ultimate etymolugy of hrada is not clear, but surely hridn can be nuthing but. a phonetic variant for it, presumably samprasärana Cf next
namo ntuerydya ( p niº) ca hrdydya ca MB nama hradaypaya (VB hrdayydya, KS hradaıydya) ca nivepydya (TB ©pyaya) ca V8 TS KS Bee 8248 The MS and VB forms amulate denvativee of hrd and hrdaya, but these can hardly be in place here, the adjoming word mesan 'whurlpool' and apparently we murt thunk of the same form $h_{\text {rda }}=h_{\text {rada }}$ found in MS in the preceding variant
prikpasya (ArS praks') urono arusasya nù sahah (ArE mahah) RV ArS AB KB AS SS Svidh prkpa is a name or epithet of a horse, ite etymology is obscure, and praksa has not been recorded elsewhere
nimrado (ApS nimpdo) 's MS KS ApS MS Apparently dufferent gradea of root mpd, Wackernagel p 71
andiratam brsayasya (TB prathayasya) sesah RV TB See $\$ 69$ bhrjab rhandah MS bhrajas chandah VS TS SB bhrajat chandah $K 8 \dagger$ (but $v 1$ bhra ${ }^{\circ}$ ) The word is easd to mean 'fire', and apparently comea from the root bhraj, which 18 not mentioned as such by Wackernagel l c but may be related to bhrajJ, Wackernagel p 69, cf also bhargas etc There 18 much confusion in the forms of this root or these roots Cf next.
ksuro bhrwah (TS bhrjuän, MS bhpak, VS bhrijad, stıgmatızed by Conc as erroneous, hardly with justice) chardah VS TS MS KS SB Cf prec
ardrah prathnsnur (MS tprthusnur, v 1 prathai) bhuvanasya gopāh TB ApS MS See 8809, and Wackernagel p 71
avasty apsu umane suaruutı (MG †urajane searvatah) RV AB MG Really a lencal vanant, vrajana 'way' 18 suggested by puthyinu of the preceding pāds But some MG mss read with RV
[digbhyat cakravaknh (KSA Conc cakrvo mith the sole ms, ed em cakrav ${ }^{\circ}$ ) TS KSA Thes is probably a mere corruption, if genune it would have to be a purely phonetic variant, for the meaning is certannly the same]
§669 The roote radh and rdh, tho separated in the history of the language, and tho of ten regarded as unrelated, are at least quite posably of identical ongin, and certainly the repeated vanation between them belongs phonetically with this group Cf also $\$ 808$
rdhyasam adya makhasya hirah ME TA ApS makhasya le 'dya turo rédhydeam devayajane prthuyah VS SB [The references to MS MS in Conc seem to be erroneous 1
tan me radhyatam VS TS SB TB TA $\$ 3$ MS Ksúa 8MB lan me aampdhyatam (Kaus sampddham) TB SMB Kaus
harivato graham rdhyäsam KS harivalo hariyojanasya harvantam grahain radhyāzam MS
8680. The sangle case noted of $\tau$ varying with ra for ar before $\#$ plus consonant (Wackernagel Ip 212 f) 18
samarplasu yulsu indro ganesu MB samstapld (AV v 1 samupifa) sa zudha indro ganena RV AV SV VS TS KS
$\oint 661$ From the root $\delta_{T}$, also quoted as $8 r d$ 'boll', are found the two participlea ofta and broula, which exchauge in the following, in which spia happens to be secondary, but it is equally old otherwise subrietam (AV 8ubtam) manye lad rtam navīyah RV AV
$\$ 662$ The remaming varianta cannot be called purely phonetic In verb inflexion forms in $\tau$ vary repeatedly with other forma in which a morphological a (thematie vowel, or part of a dufferent personal ending) is added, producing $r a$
àpo grhesu jügrata HG äpo jügrta MS KS MS āpo havihsu jagrta Aps ápo devesíjāprathat l'G See VVIp 123
ye cu bhūteßu jügratc (KS jägrtha) AV KS See VV Ip 221
yajamānāya jïgta ApS saputrikīyām jägratha PG See VV Ip 96 te na átmaru jiugratı (KS $\dagger$ gagrta) AV KS yat pasur maiyum aktta TS SS KS ApS MS SMB GG yad vasī mägunt ckruta Kaus See VV I p 257
yalra-yatra ubhrto (KS bibhrato) jätavedäh AV KS Both forma are textually uncertain (for vanants see VV I p 158), and obscure as to interpretation
§663 Similarly in noin formation, a stemin $r$ varies with a derivative in suffixal a

The worda hotrka 'secondary hotr' and hotraka 'pertaining to the sacrifice (hotra)' are finally synonymous numus for a certan priest See Caland on ApS 12234
5664 Finally, we find similar shifts in words which are lexacally quite unrelated, notably thrpe between the stem hratu and forms of the root $k_{r}$ Buth are important in the ritual, and the repeated interchange may well sugnify an association of theni in the munds of the Vedic pouta, by popular etyinology
 VS TS MS KS SB Proper nanues, and so naturally flexable samersfam ubhayam krtam (KS abhayam kralum) KS TB ApS KS indra kratvā (MS ırudrah krtua) maruto yad nasdma RV MS KS The MS, which is certainly secondary and poor in indrah, reads the
gerund krtud for kralva by a phonetically easy slip, which 19 banal to the point of senselessness mainē arvä renukakflah prnak (MS † [v I prnak] KS pranak) MS KS

TB pra-pak, from nas, 'attain', with pra, prnak from prc indrdya tıd armo 'dadāt (SG śamı dadat) MS MS SG SMB See $\$ 277$

8865 The other lencal vanants are more remote from each other in sound, and the resemblance becomea very vague drapank caykanda prthū̃m anu dyäm (RV prathamán anu dyū̃n) RV

AV VS TS MS KS SB Vague assonance only tam tvam tusvebhyo devebhyah kratūn (KS "bhya rtūn) kalpaya KS ApS sa (read sal) nah prajam pabiun pahy arantyamanah (p pahoh, ani, yáminahl) MS sa n recam dhehy ahrniyamdnah TA The MS $1 s$ bopelessly corrupt, probably read ahrniyaminah alrd te bhadra rabaná apasyam (KS bhoulre ufyand agrbhnām) RV VS TS KS
ideatnán anu vantām ghtena ApS MS zdavásmän (RVKh zlazva vim) anu vasldm vratena RVKh AV Scheftelowitz reads ghtiena in RVKh
idam aham sarpãndmt grathnimı (MS miss krlamāmı) TS ApS MS See $\mathbb{8} 47$, MS perhaps corruption for grath ${ }^{\circ}$
nudayor veratayoh sūra indrah RV na devo vplah sūra indrah SV See $\$ 828$
 ApMB MG
 TS TB In this and the next, TS has interchanged the two old adjectives flärdh and dhrtaurala (both RV)
Entlau (TS àminau) mitrōvarunau dhetavratau (TS ${ }^{\circ}$ niny ftiurdhau) VS TS MS KS SB Cf prec

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10 \tau \text { and } r i, \tau \bar{i}
$$

$\$ 666$ Since $r$ and $r i$ have been pronounced alike for centuriea by most Hindua, it followa on the one band that auch variations are especially open to the anepicinn of corruption, and on the other that genume variations of thas sort may be expected to occur fairly early, as forerunners of the later change of $\boldsymbol{r}$ to ra (which occurs, aporadically but not seldom, in the middle Indic dialecta) On the whole aubject see pronamally Wackernagel I pp 31 ff It is a well-known fact that Hindu mss, including thnse of Vedic works, ahow much fluctuation in this regard As a single ingtance, which might be multiplied indefintely,
we call attention to Whitney's note on AV 514 3, apropos of the paxda risasyeva parlsãsam So the Berhn ed pnnts it But Whitney informa us that most ines read fingyeva, and observea that this ia a common phenomenon in them In this clase Whitney advises adopting their reading into the text, we agree with him Againat most mas, but with sume of them and with the eumm, Whiney would also read $\mathrm{r}_{\text {Syapadim }}$ vrsadatim in AV 118 4a, where both editions have risya ${ }^{\circ}$
5667. Theas AV casen dis not differ in principle in the alighteat degree from the following readinge of MS, which presents trisu for trou (adverb 'eaperly', from root trs) and tevasiry for the god-name twastr We agree with Von Schroeder's judgment in keeping the readinga of has mas, despite the unquestionable meaning of the words In short, we believe that the Mairayaniyas pronounced the words in thas way, and that we are dealing with real phonetic (dialectic) vanants, not 'corruptions' in any proper sense of that word
tryu (MS trisu) yad annà vevisad vetiph hase RV SV MS ApS trsucyavaso (MS trisuc) juhvo nägneh RV MS tuaptrmantas (MS MS tvastrio, Aps tvastu") tū̄ a apema VS MS KS SB KS ApS MS Others, see \$641
$\delta 688$ Simmlarly, but in a very much more wide-sprean and inatatent fashou, the word for 'worni' is frequently and in many texte written krimu, althu ite original furni eeenie to have been krma (Wackeraagel I p :33, Uhlenbeck, Etym Wbeh, a v) Several varianta ahow both forms of this commun word
hatas te atrinà krimih (GG $\boldsymbol{k r}^{3}$ ) SMB GG atrınē tuā krıme hanmi TA ApS atrivad vah krimayo hanmi AV
hatīh krimayah (but Jorgensen text and comm kr${ }^{\circ}$ ) baiaitikdh sanila-
 wa TA Note that different editions differ on buth textal nālnmgoh (MS ${ }^{\circ}$ gave) $k_{7} m_{2} h\left(7 S k r i^{\circ}\right)$ VS IS MS KSA
\$869 So far we have mentiuned only cagea in which it appeare that the regular or original form had $r$, not $r$ But the oppoaite as alao not. uncommon It may be regarded as a kind of hyper-Sanskritiam, or at least, it presuppuses a tendency to pronounce $r$ and $r_{i}$ in a ammalar manner, at any rate in certain hnguratic spherea In some casea, to be sure, as in the preceding group, the tradition of the mss is confused and we may be confrunted with late curruptiona But it would be very reash to mahe this assumption as a general explanation of the moat of auch casce The fact ecenus to be that thas pronunciation of $r$ as $r_{z}$ is much more ancient than has often been supposed, and ruast have had some
sort of exastence in Vodic tumes, however lumited geographically or socially

8070 Take for natance the proper name Trita, which is quite defintely establubed in that forme as prehistonc (Avestan Thrita) Yet thrice in a magle hymn of AV ( 61131 and 3) it is apelled Tra, according to all mes known to bnth editions In such cases we should not emend, as Shankar Pandit does, even tho the TB parallel fortwo of the padas (the third 18 not recorded elsewhere) gives the usual and proper form Trita In ahort, we feel no right to assume that the Atharvan tradition had any other form than that presented by all mas trla enam (read enan, TB trita elar) manuryesu mampje (TB mA ${ }^{\circ}$ ) AV TB
trte (TB trite) devis ampulatod enah AV TB
\&871. There is little doubt that the MS Iorm upapivin, which evidently gave Whitney considerable trouhle in his Rooks, is amply a
 of an independent participle of pr, as Whitney questiomingly suggests The MS pp has ${ }^{\circ} \mathrm{pr} \mathrm{I}^{\circ}$
äpaprivīn (MS ipupruán) rodaki anlanksurn RV VS TS MS KS SB
§672 The verb stedhat makea it clear that sralh 18 the proper form of the stem found in the next variant In fact many AV mas resd andhah, which Whitney reparde as the true AV reading ati neho alt aridhah (AV MS srdhah) AV VS TS MS KS
$\$ 673$ In the net krate 18 the only form kunwn to RV, and so may perhapa be assumed as the onginal, both etymolngy and meaning of the word are unknown
d va indram krivin (SV Svidh krimm) yathin iV SV SS Svidh adha tersimadin abhy ojasí krient (SV krerm, v 1 krevem) yudhabhavat RV SV
§674 According to Wackernagel I §180b, $\tau$ was regularly replaced by $n$ before $y$, by phonetic law, when $r$ appears before $y$, as in the majority of texts in the next vanant, it would then be due to analogy Iu the second vamant the onginal (AV) reading was pronounced putriyac, and for this TA puryare is merely $\boldsymbol{f}$ phonetic variant, with $\tau$ for proper $r_{2}$
 purohetāh VS VSK TS MS KS SB
dycur nuh pita potryar: (TA pitryäc) cham bhauith (TA bhaväzr) AV TA
Cf the next where the RVKh reading is doubtful
auyusam jagrtad aham AV duyuram jägryyād aham RVKb Aufrecht•
but Bcheitelowits dynupum jagryām (em, for ma ${ }^{\circ} y d m y$ ) aham Cf VV I p 102
§676. The epithet of Rudra concerned in the next is of wholly obscure ongin and meaning, presumably MS is secondary inkirida (KS $\left.{ }^{\circ} d a, ~ V S ~{ }^{\circ} d r a, ~ M S ~ m y a k i n\right) ~ u l o h i t n ~ V S ~ T S ~ M S ~ K S ~ . ~$

8678 Finally a few corruptions and false readinga ya rte (TA Aps ApMB yad te, PB tyakpate) cud abhistıpah RV AV SV PB TA KS ApS MS Kaus GG ApMB jari cetid (mso cetid, pp cyn it it) abhımsah MS (grosaly corrupt, of §193)
sam ted́ rnant (Vait manti) LS KS Vait Note the anomalous sandh in Vait, sam-r and aam-ri would be virtual synonyms, but a 9 tb class present from $\tau$ is anomalous (sllowed by the Dhatup, but not known in hterature according to Whitney's Roots) The Vait reading te therefore doubly auspicious See 8992
 mongly quotes TS as patatriah) VS VSK TS MS KS SB]
§677 Twice $r$ varics with ri, both forms are morphologically justifiable in hotb cases
sftax tyam ofto 'ham ApS sritas tuam frity 'ham HS Participles of the root which appears somewhat confusedly as $6^{6}$, $67 \sigma$, 6 ri 'cook, mature'
adbher insvasya bhartribhih ApMB adbhih sarvasya bhartrbhic SG In ApMB a distinctively femmane atem bhartri 18 used, to agree with adbhth, SG uses the atem bhartr as of common gender

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11 r \text { and } r u
$$

§678 The shuft between $T$ and ru 18 only slightly lpas frequent than that between $r$ and $r_{l}$ Tbere 18 equally good reason to repard it an having genwne phonetic bearings In atandard modern Maraţhi the $r$ of Sanskrit is regularly pronounced with an $u$ coloring (practically $\pi t$, instead of $r_{2}$ as in most other vernaculars) That thas tendency is very ancient 18 proved by $\operatorname{HPr} 1412$ (796), whinch atates that some erroneously 'make the r-vowels like the labial vowels' (svarau kurvanty osfhyanebhau sarephar) There are, to be aure, not mo many varanta that seem to be purely phonetic in character as was found to be the case with ir They seem to tend to associate mith nelghboning labial consonants, and perhaps justify an asaumption that the vocalic $i$ in conjunction with labials was apt to have $u$ coloning

8679 Arong the cleareat pbonetic varianta are
bhrmim (TB bhrumim) dhamanto apa gd aurnata RV TB Note that the sound occurs between two labial consonants The onginal bhrmi is not very clear, one of Sayana's theones is that it means 'cloud', which is the meaming asagned to bhrumi by TB comm, who denves it from root bhram
drudar V'S drbdsz KS drubrisz VSK An obscure word, note the following $b$ There 19 no way of determimig the onginal form
8880 A clear case of hyper-Sanakritic $r$ for onginal ru 18 the stem prsud, found several times in Tait t.exta for regular prusua, note the preceding $p \quad B H$ call prpuã a 'falache Form', but it 18 too perastent to be thus lughtly dismased TA comm explanns by jalabinduh It. seems clear that it was the eatablished Tait achool form of prusiã, tho there hus been much confugion about it among interpreters, aee eg Kelth on TS 74131
prusud abrubhih VS MS aérubhah pruşıñm (TS prs ${ }^{\circ}$ ) TS KSA
 prupvd ${ }^{\circ}$ ) sudhi VS TS KSA
sum u prsthĩa (read mith Ponna ed text and comm privãua) siyatän TA sam te pruivduc siyatäm AV
§681 Hyper-Sanskitic, apana, ie the $t$ in the following crses, we do not venturc to asy whether the followng labial bh (part of an inflexional ending) 18 concerned in the change At least the $r$ form seems quite well eatahhshed in the Tait uchool, the MS 18 inore seriouely corrupt puräa jatrubhya (TA ApMB jartibhya, MS cakrbhy反, p p vaktrbhyah') ätrdah (MS ${ }^{\circ} d a$ ) KV AV SV MS PB TA KS ApMB
8682 The remaming variants contain at least a aemblance of independent lexical interchange Thus, the roots as and arи are virtual aynonymis, and their derivatives stil and stuili hoth mean 'course, way' dve sruti (VS KS SB BrhU KS srti, and ao TB Conc, but Poona ed studi) avャnavan prtīnä̀n RV VS MS KS SB 'ГВ BfhU SS KS ApS MS (Von Schroeder needlesely emends KS 382 to sruti)
namah sruty/iya (KS aft) ca pathydya ca VS TS KS namuch pathyãya ca radyäyu ra MS Derivatives of the words concerned in the prec
 PG ApMB MG enum partorudah kumbhyí SG emion parısrulah kumbhah AV pūrnin parısrulah kumbhdn SB No form parispl 18 otherwise recorded, deapite the equivalence of the two roots, it is probable that MG (all mss) has a phonetic variant or corruption for paristulah
heranyam astram (SB BrhU GP asrudam) bhava SB BrhU KBU AG SMB PG ApMB HG MG Here ats varies with atr, 'indeatructible' or 'uarnolten' (gold)
Cf mpgasya splam (HG splam, ApMB vv ll srutam, ṡrulam) akşayd ApMB HG See $\S 278$
§683 Similarly $h_{T}$ with $u$ becomea a synonym of hru with $v$, the participlea of buth, exchanging twice, mean 'confounded, gone astray' or the like A third variation between $h_{T}$ and hru 18 merely a textual corrupt.ion
avzią̧ān avzhrutān (AS $\left.{ }^{\circ} h r t a ̄ n\right) ~ M S ~ K S ~ A S ~ A p S ~ S G ~$ iskartī vihrutam junah RV KS miskartā (Conc wrongly ${ }^{\circ} \mathrm{krta}$ for ApMB) unhrutam (PB TA ApMB unhtam) punah AV SV MS PB TA ApMB In TA there isav 1 mhritam, adopted in the text in Poona ed, but the comm even there reade vihftam, and glossea viseyena bhagnam
aslonā (comm asronith) ā̈gnir ahrufīh ryarge AV aslonañgair ahrtā svarge TA But Ponna pd text and comm ahruliah, v $1{ }^{\circ} t a ̄$, for TA, and this is the only possible reading The simple $h_{r}$ is not a synonymi of hru, ahtla would make no sense, comm kaufalyarahztäh ( $=$ ahruduih)
§684 Miscellanenus cases, largely unspinus
 TB The original has ruvad dha-uhsia 'the bull roared' This 1 is misunderst ood and corrupted in TB
gıvā rutasya (VSK sına flasya, TS and v l of MS sıvd rulrasya) bhevaju
 'healer of what is injured' Kudrasya, 'Rudra'y healer', is an obvous lect fac, and rasya, 'healer of the rta' or 'the rta's healer', while formally intelligihle, is clparly a stupid change conditioned by the phonetic relations bet ween $r$ and $r u$
sutynujasū drihanā (MS durhriit, KS †drhanī) yain mudethe TS MS KS sacetasau druhnano yau nudethe AV Multiple confusion, see $\S 305$, etc
meyobhūh samlamá yad dhrwio (comin dhriv) 'si TB So Conc, hut Poona ed text with comm dhrido

## CHAPTER XV THE I AND U DIPHTHONGS AND SAMPRASĀRANA

8685 In most of the variants collected in thas chapter, phonetics can be asid to be only an ancillary inotive in the shift That is, nearly all of them present interchanges between forma both of which can be justified by recugnized principles of miorphology or lexncography They mostly concern ablaut, in radical or suffixal or inflectional syllables, or various detaila of the inflection of nouns, pronoune, or verbs, with a apninkling of purely lexacal varianta Yet in sone parts of the chapter, dialectic (Prakritic) phonology is certandy auggested ad a contributing factor Thas is especially true as repards the exchanges of the short and long diphthongs, $e a_{1}$ and $o a^{2}$, and the interchange between $e$ and aya, 0 and ava, and the lake Altho some surt of independent interpretation of both the forms 19 regularly possible, their number $1 s$ too large to make it reasonable to ignore the corresponding (thu purely phonetic) shufta between Sanskrit and the Middle Indic dialecte, in vew of the now well catabhahed fact that Prakritic phonology played a large rofle in the epeech of Veduc times

## 1 2e

8686 The not very numerous cases collected here are mustly matters of ablaut in the radical syllables of nouna nnd verbs, or of different caseendings of the same or related noun stema, whth a residuuru of lexical vanant.s We begin with those which present different ahlaut grades in the radical ayllablea of the asme or related nouns and adjectives
 ye asann akeväh (AV *aşväh, "nsan dureväh) RV AV TA The meter pruperly requires a.kewih if the word be final (VS SB trangpuse)
yđ sarasvatī visobhaginai (MS ApS * veka ${ }^{\circ}$, KS vekabhagıni) MS KS Aps $2780-14$ gen sing of vts
dayyah kosah samuksitah MS davyah kusah (AV SirasU devakosah) samubjlah AV TS KS SirasU
divo jyole (KS "jyotrr) vivasva (MS devajüte vivasvann) MS KS vivasian adeter devajütis TS
derya (ApS dıuyā, v 1 deryā) āpo nannamyadhuam PB KS ApS
süryo divo (TS KS* devo) divisadbhyah (TS KS ©bhyo ) TS KS* MS
punse pultcya vettavar (SB BrhU villaye) SB TB BrhU ApMB ApS HG
pra suvaniso (SV sudi) brhaddzvesu (SV adevesu) harayah RV Sy lekah salekuh TS sullech salugah MS KS See 849
§687. Of different ongin and only superficially resembling these cases is the numeral adverh tredtri, which is originally trisayluhic and therefore probsbly to be reparded as representing a contraction of aomethlug lake "trayadhā (cf §s744 ff beluw, Wackernagel I p 53, III [ 347)
tridhd (MS tredha) baddhe prsabho roravitz RV VS MS KS GB TA ApS MahānU N
§688 In the stem-3yllable of verbal forme màşān ur chest kim cana AV maıyām ham ranoc chişah TS TB ApS mfonīsãm kam cunoc chrsah RV sV VS
 nomistio (VS numes ${ }^{\circ}$ ) mahtvē liV AV VS TS KSA Pregent participles for 6th and lat class present stems of ne-mes, the lst clase stem secme not to be otherwise recorded Add to VV I $\$ 197$
aīmi te samdriz titinam reto dhisiya (MS dhe ${ }^{2}$ ) MS KS vestasya te vämīr anu sumdrít vnemè retānsz dhosìya TS Cf next The form thesiga seems to be estabhehed in the Mantr school It can hardly be interpreted except as an anrist of dhi 'place', yet is highly anomaluas if so understuod (us if the ront were dhi, with gunis dhe' perhape by confusion with root thic) See VV I p 196
sumasyähum detayajyayã suretã (MŚ visuam) reto dheşiya (MS dheo) TS ApS MS
$\$ 689$ In inflectional endings of verba a and cerchange very commonly as hetween active and middle-passive fonns and elsewhere See VV I \$8.19-79 and 82 ct passim
$\$ 690$ Coming to noin case furms, we find firat a little group of dat abl plur furms in $2 b h y a s$ ebhyas, from etems in $2(n) \quad n$ divícarebhyo (MG ${ }^{\circ}$ cürelbhyo) bhïltblyah (sc namah) MG ViDh ahakrarebhyah (sc numah) SG
raktomcarebhyah SG ViDh naktameäribhyo bhütchityah MG; marudbhyo grhamedhıbhyo (MS a dhebhyo) 'nubrūhz ŚB MS marulbhyo grhamedhibhyo (MS ${ }^{\circ}$ dhebhyo) bashithin (MS vusㅁ, ApS büskün) VS MS ApS
sudhesitrbhyah (Kaus ofebhyah vedhī) KS Kaus istebhyah nuäha vagad aneşrebhyah sudhū TB ApS
$\$ 891$ The others are muscellaneous case-forms, ance they are of alight interest here we shall content ourselves with a few examples, referring to our volume on Noun Inflection for full liste püsne sarase (MS $\dagger^{\circ}{ }^{\circ} \mathrm{i}$ ) suithi MS TA ApS nuihd pūpne farase VS SB KS The majonty reading (dat) is certanaly not easily intellugble (labored and worthless explanations in the comms), but the loc of MS is also difficult and may be only an attempt to rationalize an unintelligent passage
hiranyapakpah sakunih HG hiranyaparna sakune PG Nom voc pra vo mahe mahtvrdhe (SV PB maheordhe) bharadhvam RV SV AV PB AS SS The SV reema to have amechanical form-assimilation to the surrounding datives (note especially the identical form mahe preceding)
un bloka etu (AV eh2, TS SvetU sliki yantl) pathyeva (KS patheva) sürch (AV MS $\dagger$ sürıh, TS SuetU sūrâh, KS $\dagger$ sürah) RV AV VS TS MS KS SB SvetU Nom gen.
agner hotd vetv ngnir (AS agner) hotram vetu (veltu) TB AS SS agner hold velty agner hotram vettu SB Nom gen
kratva vartstham vara imurim ula RV AV kratne vare sthemany ümurim uta SV
$\$ 692$ Oddities of noun atems
agner agneyäny (KS ngnio) ar (MS v 1 and ppaynet agner yāny ant) MS KS deviaint aqneyiày arr TS agner yöny ass TS MS KS ApS MS See §.357, and cf vāyosūvilra , § 716
brudhi srula áraddhwam (AV sruddheyam) le vidìmi RV AV See § 248 , both furms have the force of gerundives
8693 The remaning variants are lexical, but in the first we have a shift which mimulates allaut, as in $£ 688$
sa idhdno (KS ed $h^{\circ}$ ) vasus (MS vasuh) kamh RV SV VS TS MS KS
The roote adh and edh are quite independent, but euperficially the change looks luke a change from mol-grade to guna

AB AS SS Aps The MS form could be interpreted as a 2 d sing impy from jan but for the accent (janisua), which seems to call for emendation
ino (AV enā) vitvasya bhuvanasya gopäh RV AV N ino, nom of atem ira, enA, adverbial pronominal form
utem (SV ūtm) arbhe havdmahe RV AV SV MS ula-īn acc sang of üt $^{2}$
krid̄̃ ca sakt cujpest (Aps säki †corjız ca) VS VSK ApS See $\$ 407$
dsannisun hrtavaso mayobhin RV AV TS MS KSA N dsann epam ap\&uvāho mayobhūn SV See $\$ 820$
[ wáce mendruyäusa TS KS MS Conc väcam indr for liS, yo ed reade at 414 , but at $3115(p 18, n 1)$ it $1 s$ corrected ]
5694 Several times a word beginning in 1 varies with the eame word preceded by $a$
indram (SV endram) agnim ca vodhave RV SV
tha (MS AS SŚ cha) gatır vämadya TS MS TB SB AS SS $\dagger 11419$ tve ŗah (KS visue, MS tva esah) samdadhur bhürıvarpasah (TS † bhüriretasuh) RV SV VS TS MS KS SB See Von Schrocder's note If correct, MS must intend tve, $a$, isah, but the $\rho p$ resds we tiz tue, 28 ah
$t \bar{t}(t \bar{u})$ eht (eha, eva, AV tha) , see $\$ \$ 578,888$
muln no narnam erlsamãah AV nen na fnen frava t samànah TA See §180
 SB TB MS ApMB

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$\S 695$ Here the variants are few and scattenng, except for a conanderable group concerning case-endingy of the same or related nouns and adjectives Often the stems presupposed by the case-forms involved are elightly dufferent
 stemis yantrí and yantri
 AS SŚ Alqu femmine duals l'ariāji ( $\mathrm{KSA} \dagger^{\circ}{ }^{\circ} \mathrm{je}$ ) purasi (so KSA $\dagger$ ) TS KSA Alao fem dualy, there seems no reason to emend KSA as von Schroeder would do
 TB
 18 loc sing '(come) to the seat of the rta' KS makes sadani fein dual, 'as two seats of the ria' (addressed to the aranes), the other reading 19 simpler and most bkely onginal
vaısuānardya matır mivyesī (ArS ${ }^{\circ}$ se) such RV ArS Nom sing fem dat ming masc (mith agnaye in next paila)
rübhē samdàyz navyust (SV "dāya navyase) HV SV As prec
 As prec
umamrade yuvatur (AV ${ }^{\circ}$ dah prthzut) daksinduate (TA ${ }^{\circ}$ if) RV AV TA As prec
tava pradastayo mahth (8V 'laye mahe) RV BV Nom pl dat sing satyasya dharmanas patt (ApS pate) SS ApS Vocatives, dual and ang graha ousvajanina niyantar viprayaina te (KS nyantar npra a tsafī) MS KS See 5838
sa supranite (SS ifi) nflamah suardd asz AA SS Both forms are uncertan The two text mas of $S S$ bave ${ }^{\circ} t e$, comm apparently ${ }^{\circ}$ at which Hillebrandt adopte, seemingly taking it as loc ('in good gudance'?) Sayana on AA takes ${ }^{\circ} \ell$ as loc, and Keith follows hum, rendering 'when (the nte) is duly paid', but in his note Keith augheats deleting the accent and understanding a voc, ' $O$ good leader'
idrpua hr mahe (ApS mahi, v l mahe) visan SV ApS Acc dusl (with dyauaprthur) dat sung (with hoträya)
Arugli (SV ${ }^{\circ} t e$ ) jdidsa indavah suarvidah RV SV Instr (?) of $\mathfrak{t - 8 t e m}$ loc of 11 -stem SV comm in one of two places ready smas
 be construed, see Winternitiz on ApMB, Introduction, xxiv
mrga na bhimas tamsibhtr arcinah (TB ${ }^{\circ}$ jebhir ürmibhih) RV TB The adverbial inetr of $\mathrm{lR} V$ (from the noun taviji) is made an adj agreelag with ürmibhit in TB
davübhyas (KS rlevebhya.s) tanübhyah (KS ${ }^{\circ}$ yas) suähā KS TB ApS Kaus 'To the bodies of the gods', or 'to the pods, to (their) bodies'

8696 A few cazes involve different ablaut grades, or forms which simulate that. relationahup
agne devinim ava hedn iyaksia (KS iksıa) KS ApS ana deviñuàm yaju hedo agne (KS yaje hidyãni, MS yaje hedyiini) AV KS MS ava devant yaje hedyan TB mpS
apa anehiltr (SV snīhilim) nrmani adhalla (SV adhad räh, KS †nfmanām adadhràm) RV AV SV' KS upa stuhn (Poona ed suuhi) tam nrmndm (Poona ed nrmandm) athadriam TA
susiman sombasalsaru AV suseliam nomaphisaru (TS sumatetsans) VS TS MS KS SB Vadh
dhend'm untah subardugham SV dhtnam anduh sabardughah RV The gen pl of $d h i, i s$ changed to an acc ang, but the accent of SV shows that it has a false form (the true atem is dhená), of Oldenberg, Nutern on RV 9127

Luthaya (MahEnU lale ${ }^{\circ}$ ) dhimah TAA $\dagger$ (not TA ) MuhēnU Names of Agno, of unknown ongin Hardly to be classed as ablaut The two comms have different and equally ndiculous explauatiops asadhaya sahamanaya vedhase (TB midhuse) RV TB N Lexacal

In the reduphcating gyllibble
aindrah präno arige-añge ni didhyal (TS ni dedhyat, VSK mintitah) V8
VSK TS MS KS SB The reduplicating ayllable with eshould mark an intensive, and probably the isolated form of TS is felt as such, cf VVI pp 149, 160
§697 Cases concerning verb inflection An aor ind varies with a present opt But the KS ed reads as ApS, with v 1 as Conc
grāvàvädìd (ApS grā̀à vadell) KS ApS VV I p 86
anu stomum mudimahz (PB maukº) RV AV PB Uptatives of different verbs
mā teägner dhunnayid (TS ${ }^{\circ} y$ id, KSA ${ }^{\circ}$ ued, MS dhameyid) RV VS TS MS KSA
$\$ 698$ Twice the presence or absence of the preposition $d$ is responsible fur the variant, of $\$ \$ 64$ vámam pitrbhy ya zam eamerire ( AV sami") RV AV ApMR
 See $\$ 180$

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$\$ 699$ Nearly all the vanante noted bre concern denvative noun and adjective stems with the vnddhi of secundary denvation, varyng with primary or eccondary furmations witlinut the vriddbi varsvänara ula msuadōvyah AV KS yo valivänara ula tensundāvyah (ApS vatsvadevyah) MS ApS Whutney's Transl adopts for AV nisvadevyah, which he states is the reading of Ppp , but this is an error, Ppp (Barret, JAOS 32 358) has ${ }^{\circ}$ duvyah, intending ${ }^{\circ}$ dävyah Only ApS hay $\Omega$ derivative of vzivadeva
duyah koíah yamukgitah MS daımjah kutah (AV SırasU devakusah) samubilah AV TS KS SirasU
achinto duyas (K'S Aps davyas) tantur míntänusas (KS Aps manuSyas) chedz MS KS ApS
bihanto davīh (VS dhuyäh) VS MS Apsi
nurbithyeria (AV nair ${ }^{\circ}$, Ppp nur accordıng to Whitncy) humā̃ AV TR ApŚ
brhatā tvà rathamiarena travítubhyn (KS tristubhá) vartanyā MS KS bohadrathamlarnyos tuä atumena tristubho nartenyi $T$;
aghorena cakpupa mitryena (ApMB maitrena, KS ApS cakpupaham sivena) AV KB ApS ApMB
indrarya vaimpdhaydiam (KS indrasydham unmphasya) devayajyayasapalno (ApS but not †MS adds viryavin) bhūydaam KS ApS M3
kapota (MS "'ta) ulükah sasas te nirplyai (TS KSA nairplah) VS TS MS KSA
nirtlyar widh MS nartilyar (bc dise) sudha VaDh
vihayaso (PG vai $h^{\circ}$ ) 'dh bhū̃nyām HG PG $v^{\circ}$, abl of vihayas, vai ${ }^{\circ}$, nom of adj vaihdyass
indrasya tusmam Irayann apasyubhih RV SV aindrah fupmo vifuaripo na doan AV
vazuasoab (AV nvanvin) no abhayum kpnotu AV TB TAA $8 S$ ApS 8MB PG HG vai, of course, meana Manu
haranyandbhah ( 68 har ) kausalyah SB SS
${ }^{2 \pi d r o p d n a s y a k e h a m a n a s o ~(~} M S$ aindro ${ }^{\circ}$ ) ApS MS The formula is so obecure, that emendation of MS to indro ${ }^{\circ}$, whule tempting, 13 hardly agfe
§700 Othermse we find only masellaneous cases, two concerning noun inflectiou
 'O Indra, as overlurd (by overlordahps)' etc
 form in yoi 18 dat of stem áobha, 'unto splendor' The $y \imath$ form would seem to be acc neut of a stem fobhayin (cf §247), perhaps used adverbually
Two concerning aonat verb forma fipo malam zva prānazkşt (ApS prãnijan) AV ApS See VV Ip 129 pitur ua nämägrabhigam (ApMB ${ }^{\circ}$ bhazyam) ApMB HG See VV I pp 139, 136
And one in which at contame the augment
yam uırhìma (ApS achāmı) munasd su 'yam dgat RV Apś

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§701 Must of the few vanaute nuted here conceru interchange betwenn instr plur and nom -acc plur (fem) forms indrena devir (MS dewnir) virudhah samvidanäh TS MS devir devir (ApS devair) abhe miè nuvartadhuam MS ApS MS sapla ca várunit (PG © naır) tināh AG PG SG MG sapta ca mānusir ımah ApMB HG Folluwed in all by
therat ca rijabardhawth (HG ${ }^{\text {o vazh }}$ ) HG ApMB prajish (this word belongs to prec påds) saridf ca rdjubdindhavaih (MG ${ }^{\text {a }} v y a h$ ) PG MG sarvid ca rajabindhavih (SG $\dagger{ }^{\circ}$ bindhavaih) AG SG
a dadhnah kalasurr (ApMB "ásir, MG 'fam) aquh (AG ApMB ayan, SG gaman, PG upn, HG ayann iva, MG arayam) AV AG SG PG ApMB HG MG
$\$ 702$ There are three cases of vriddhi of the first syllable, the first two (eapecially the second) anomalous, and nae annst verb form, also anomalous
stratpāyain anyatra dadhat AV strīpüyain anyan sv (read anyass) à dadhat SG
madheá yajuiam ruskyal (VS TS naksase) prinanah (AV prai) AV VS Ts MS KS In the pres nud pple the vaddhi 18 quite out of place, 'blundenag corruption', Whitney
yad adivyann (MS davyam) rnam aham babhūva (AV krnomı) AV MS TA BDh adiveyaun fnam yad aham cakīra TB The onginala adivoyan 'not gambling', MS has a atupid lect fac Add to VV I §231
indra enam (TB Apś enum) paràaraü AV TB Aps cf indrudo 'dya parisarat AV But for the last SPP with most mas and Ppp ${ }^{0}$ sarit, the regular form See VV I p 186

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§703 Altho both forms can be defended morphologically in most of these vanants, it beems to us very clear that the Prakntic change of at to $t$ inust be largely concerned in them They are fairly numerous, the great majonty fall into three classes, to wit dative (or locative) forms in $t$ at, forms with $e a_{i}$ in the root syllable, in which az ingenerally the vridith of secundary denvation, and verb forms, chicly indseative and subjunctive endinge
§704 First, there is a large group of interchanges between the pronominal furms asme (dat or loc) 'for, to, in us', and usman 'for him, it' amnaı (TB asme) dyäväprthzuī bhī̀r vīmusm (Conc divides AV befure vintamm) AV TB asme is aecondary
asme devàso vapuse ciketsala TS Aps stud anmai naro vacase dathriluna VS K'S Keth assumps that TS intendy asmaz
asmaz (MS asme) räplroya nuzhz zarma yachatam TS MS AS asmaz 18 certamoly ampler
supppalā obadhīh karlanāsme (AV karlain asmai, VSK kurlam asme)
AV VS VSK MS 'For him' 'for us', equally possible
santra prasantrd . indrendeme (VSK 'smai) VS VSK As prec asme (AV asmai) dhárayalam (MS ${ }^{\circ}$ tam) rayim RV AV MS Different contexts, both possible
asme (AV asmai) dhatla vnsavo vasini AV VS TS MS KS SB N Equally posmble
osme (KBU asmar) prayandh maghavann pisin RV KBU AG PG N asme raftrant dharaya (KS rópiram adhefraya) MS KS asme ksatrant dhdrayer anu dyūn RV TS MS KS asmen raspram adhr kraya TS asmai kpalróni dherayantam agne AV Kaus Different contexts
asmaz (MS asme) karmane jutah MS ApS 'For our nte' 'for this rite' Probably lect fac in ApS
asme (AS asmaz) indrobbrhaspati KV TS MS KS AS Probably mispnot in AS
8706 Other dauve forms in $e$ ai, including infinitives
ta (VS SB yd, TS te) te (RV KS N vám) thaminy (RV KS N vätūny) uhmas gamadhyaı (TS ${ }^{0} y e$ ) RV V8 TS MS KS SB N The TS form is anomalous, of Keth's note and Whatney, Grammar 8976a Infintives
havyadamar vodhave (KS vaz) jatavedah TS MS KS Kaus Infint.ives
supam messya mesyar (IRV oye) RV VSK TS MS KS LS suhham mepdya mesyar VS SB
agne samrid zse raye (ApS rayyar) AS ApŚ z¡e raye vS MS
SB TB Cf $\$_{8} 396$
nohts (vatham sütave ( $\mathrm{HG}^{\mathrm{o}} \mathrm{var}$ ) HG ApMB
kehuar (KSA kuhue, ed em ${ }^{\circ}$ var) trayo 'runaitöh TS KSA punse putriya vettami (SB BrhU vettaye, KS †kartave, MG kartaval, $\left.v 1{ }^{\text {º }} v e\right) \mathrm{KS}$ SB TB BrhU ApS ApMB HG MG sakrūya sunaıaz (JB ${ }^{\circ}$ ve) teã RV JB
friyar (MG sriye) pulriya tellavar (MG vedhavat) ApMB MG sam tokiya tanwe (SMB tanuar) eyonah TS TB ApS SMB PG paridhasyaı yasodhäsyaı PG paridhasye yain dhåsye MG cf paridam нӣкo adhthāh (HG ${ }^{\circ}$ thäh, ApMB adhr dhd) suactaye AV ApMB HG These forms are taken as datives by the PG comm, followed by Stenzler and Oldenberg It is uncertain whether thas is correct, or whether they are verb forms, see V'V I p 112
8706 Another at ray case or tro concerning noun enduge (loc sing and instr pl)
ghtheall saintar (MS KS ${ }^{\circ}$ (wr) ddhipatye (TS ${ }^{\circ}$ yaih) TS MS KS AS
auyo (BV avya) dire (SV * odraih) pari priyah (and, priyam) RV SV punar brahmano (brahma) yajnazh (agne), see $\$ 339$

8707 When e and az vary in radical syllables of nouns, it is generally a matter of secondary formations with viddhu varying wnth other related formis without unddb
daziln (VS devin) nivam svardtám andgasam (AV ${ }^{\circ}$ sah) IV AV VS TS MS KS
devith (AV dai ${ }^{\circ}$ ) pad untr uru nah (TS ApMB nah, sad so Whitney for AV with nost mbe) krnota RV AV TS ApMB davibhyas (KS devebhyas) tanubhyah (KS ${ }^{\circ}$ yas) wohd KS TB ApS Kaus
 VSK TB SŜ KŜ Apś MS
detán má bhiyād th SMB datuān mábhayct pahi SS
 ApMB HG
sam devenu suvitráa TA sam lavena (ind, danyence) anurtod VS SB dioyah kosah surmuksitah MS dauyah kokah (AV SirasU devakosah) samubjitah AV Tis KS SirazU
uncià tū̆ hotrā pañcabhir durnyaır (MS devar) tengbher uddharâmı ApS MS
md denānām (TA danyas) tantuśs thed: mä manuryinam (TA manuจyıh) MS KS TA SSS
indro juesthänäm (MS KS jynesthyirañ, VS SB jyausthydua) VS TS MS KS śB PG

vumnzndrà (KSA tıaumuendri) babhrulnlämis tüparäh TS KSA
 nah, MG srarsthyamge smaitayyadhuanah, read suastya with most mss) päram aquìy AS ApMB MG
meghyí (VS murghit) indyuto värah VS T'S MS KSA
§708 A couple of casea withe at in the firat syllable of nouns seem in differ from the preceding, it in very questionalle whether the ai furm has secondary viddhi or is in any morphological way different from the form withe In short, it is al leact likely that these are pure phonetic variants
 evidently of non-Aryan onign, and 1t. 19, to say the least, very posable that $k e^{\mathrm{a}}$ is a Prakintiem
vesantäbhyo dāsarr TB, vaisantähhyo baindam VS Here aguın we have
a word probsbly of foreign ongin, but thes time the usual form is ve ${ }^{0}$ Perhapa hyper-Senskntism in VS
$\$ 709$ Several cases are complicated by the possibility that the form $e$, where ai seeme to be expected, may be due to elision instead of contraction of finsl $a$ (Wackernagel I §260c) The same phenomenon occurs with ofor au, $\S 731$ Wackernagel, 1 c (gmall prnat), thinks of the posability of influence of the Prakntic change of $a_{2}, a_{2}$ to $e_{1} o$, beades this, it should be remembered that in Pah and Praknt any final vowel may be ehded before any instial vowel, without regard to the quality of either This there are two dufferent tendencies of Middle Indic phonology which may possably have been at work here But further more, in some of the cases independent lexacal or morphological explanations are concesvable for the $e$ form
adh na indraipām (VS inulreqām) RV VS Here there can be no doubt
that the intention of VS 18 indra-eydm This 18 the most certain case
neta mintse na pibast AV nava mónsena piviri PG The AV pp reads na, zua, bccording to Barret JAOS 26 205, Ppp alen reads neva (contrary to Whitney's note) Yet it is possilile that AV really intended nazu, which certanly is a more natiral reading
 TS MS KS AS In VVIp 75 we have athmatized jagatyenam as erroneous, which is unnecessanly harsh, to be sure the edition of AS inppires little confidence But it may be a phonetic variant of the sort here considered, or even-possibly -a real morphulogical change (voc jagaty instead of inatr jagatyā)
enuähnedum ahar ušiyn suāhī KS (prec by -mū̃ñ, actual text, -mãnatnähué) the MŚ version quoted in Conc us idāhna ud fharan asiya 18 Knaucr's emend of corrupt mas which begin [-minn]-eruahred-, doubtless intending the same us KS
See also animayardhz etc , $\$ 344$
$\$ 710$ In verb inflection there are a number of cases in which indicative or subjunctive endinge in $e$ vary whth subjunctivea in ai, spe VV I p 28
 MS PG
yam jivam asnavamahar (MS $\left.{ }^{\circ} h e\right)$ llV AV VS TS MS KS devón yajñiyän tha yān yajänahà (TS huvīmahe) TS MS KS rayım yena vanämahar (SV ${ }^{\circ} h e$ ) RV SV

brahmäham anlarain krave (KS karave, read ${ }^{\circ} \mathrm{Daz}$ ) AV KS (? the proper subjunctive form would be "waz, ${ }^{\circ} v e$ either corruption or purely phonetic varant)
anu rau türa mansale (TS ${ }^{\circ} \mathrm{ta}_{2}$ ) RV TS KSA
 ApMB HG
parz suajdie (AV ${ }^{\circ}$ tar) libujaun viksam RV AV N
pra yah salrācū (TB sa vàrā) manasa yajāte (TB ${ }^{\circ}$ là, text. and comm in Poons ed) RV T'B
dadhad undhakeyan paryankhayälar TA dadhro vidhakyyan paryañkhayate (AV molhaksan parinkhayitar) RV AV
manai (MS maver) nu babhrürin aham RV VS MS KS SB N yayā $\begin{aligned} & \text { ā ākurāmahe (SV ºhaz) RV SV }\end{aligned}$
enaruetz sapamahs (MS $\dagger^{\circ} h a t$, AV yad ūcıma, LS tsaydmahe) AV vS TS MS KS sB TB AS SS LŚ
${ }_{8} 711$ There are a few cases in which the al is due to the preposition a preceding $e$, of $\$ 5694,698$, or, in the first two cases, to the augment mrtyoh pradam (MG padani) yopayanto (AV 'ta, MG lopayanti.) yaul (AV omts) etn ( RV 'atn, TA aıma) KV AV TA MG
väravpate 'chidrayā hotröm arrayat (KS ${ }^{\text {y }}$ yant, TA eruyarva, SS aırayanna) stāhā $\leqslant$ B TA kiS SS Aukmented forme in SB KS , the $S S$ is uninterpretable
त̄ te garbho yorim etu (AG atu) AG ApMB HG à te youm garbha tiu AV SG ì yomm garbhn etu le $A V$ ì garbho yon'm etu le ApMB HG The preceding a proves AG ercondary
atsu (AS esu) dyumnam star yamat AV AS SS Perhaps mospnat in AS, as Whit ney on AV euggesta
ctat te agne ridha ait? (MS KS eti) somaryutam TS MS KS
grhain aimı (LS HG emz) AV VS LS ApS SG HG
abhyazt (SV abhyete) na ojacil spardhamana lliKh SV VS
$\$ 712$ Mascllancuus chser
he 'lave he 'luve SB hatlo harlo SBK Interjectiony
mä bheh V'S TS SB Tll KS ApS ma bhaih MS KS MS Anmet verb formus, spe WV I p 129, and next
má bhet mã VS VSK TS SB míbhatrmī MS KS Seeprec uşnena vāya (ApMB vã̀yav) udakeruthe (SMB GG ${ }^{\circ}$ nandhi, MG mäyur udakenet) AV AG S.MB GG PG ApMB MG See §122, and on the MG form, VV I p 87
uttamam nakam (VS MS KS SB uttame nuke) adh rohayemam (VS MS KS SB ${ }^{\circ} y\left(n+\pi m, T A{ }^{\circ}\right.$ rohemam) AV VS TS MS KS SB TA Pronouna imam fram

Latra raynsham anu sambharaitam (MS ${ }^{\circ}$ reldm, AS ${ }^{\circ}$ bhavalam) TB AS ApS MS In TB ApS fusion of sambhara and elam, in the others dual verb forms
salruhanam amutrahanam (KS satru" as salruhanam) bhrätryyahanam asurahanam twaindram (ApS text tvendram) vajrain sidayami KS ApS Here tvendram, if not a corruption or migpnat, can only be a phonetic reduction of tvandram (tva + aindram)
[endram (TB aindram, but comm and Poona ed text endram) acucyaveh TB ApS

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6713 The vanants under tha head are relatively not numerous, and quite miscellanenus in character $A$ farr number bave to do with sblaut in atem syllables, thus, in nouns and adjectives
namo vah pitarah fupmayn (VS SS sosiya, SMB GG KbG sū̀adya) VS USK TS MS KS TB AS SS SMB GG KbG See §720 malyal srulaya (mahe árotringa) cakynie AY (buth)
a ma stulasya stutum gamyat (Vait gamet) TS Vait d ma aletrasya stotram gamyat PB
dukryavanah prtanisad ('sal) ayudhyah (AV MS ayodhyah) RV AV $\dagger 19$ 1'S 70, SV VS VSK TS MS KS Gerundives
deva gharma ructas tuam devesv is MS rocitas tuim deva gharma devern ast TA Causative and ample participles Cf next
rucito gharmah MS KB SB TA ctc rocito gharinu ructya TA Cf prec
anandi modah pramudah AV anarudo modah pramodai TB modah pramoda înurduh TB mudah pramula ăakt. RV Steme (pra) tnud and (pra)moda
druail (SV drone) sadhasthum aśnuge (and dsadat) RV SV Steme dra and drona
714 With these may be grouped certan other cases which are really lexical, and partly involve different word divisinns, but wlach in their external form amnulate ablaut relations
dyumut slokī (KS suklī) sa somyah (TB sau ${ }^{\circ}$ ) HV AV SV MS KS TB suspvam somapntwnec (TS sumatitsaru) VS TS MS KS SB VāDh mesimam somasalsari AV See $\$ 180$
sumitrah soma no (Kuus dumano) bhavu RV TS MS KS SB KS Kaus An obvous lect fac in Kaus
8716 Ablaut relationa alao occur in the inflection of the verb Vanations betwern no and nu as atrong and weak stems of 5th and 8th clase
presents have been collected in VV I p 185, and need not be repeated In the radical syllable different Ablaut gradea are found in periecta, and are eapecially frequent in aonsts
yan me mätd pralulubhe (ApMB HG pralulobha) SG ApMB HG MDb
süryasya caksur đтuham (VS ūroha) VS TS MS KS SB ApS MS Aonat and present, see VV I p 82
nditya (AV also sūrya) neivam ärukjah (SMB ñoksam) AV SMB See VV I p 130
amocı (AV umukthd) yaksmād duritàd avarlyaz (AV avadyol) AV TB ApMB
me bher md roñ (VSK mu roñ, TS māro) mo ca nah (TS mo eqdm) kım canimamal VS VSK TS SB ma bhair má ruñ mo ca (KS rauin $m \AA$ ) ruh kim canämumat MS KS Soe VV Ip 129
 MS KS SB See ibıd p 128 devarya ("syinhan) sautluh ruheyam (GB roh') VS VSK TS MS KS SB TB GB Vart MS ApS LS See ibid p 132 sa yathr tuan rucyd rucisīya (MS rocisitya) AV MS See VVIp 186

On the following form see VV Ip 281, the MG form 18 quite uninterpretable by regular krammar, and must be underatuod as a phonetic vanant or curruption for $t_{s}$ thate
antas tisthatu (MG ${ }^{\circ}$ (u) me mano mitasya ketuh SMB HG MG
§716 In several cases, the o pertains to the gentive ending of noun stemsin $u$, either as independent words or in coinposition vasuh (TS ApMB vasoh) sūnuh sahaso apsu rajā KV VS TS MS KS ApMB Num and gen forma, the former an adjective, the latter a onun ('son of Vasu, of Strength' etc )
dyumattami supratikasya süroh (AV "itkah sauūnuh) AV VS TS MS KS SB Ser $\$_{189}$
āyuskfle (ApS Ayos ${ }^{\circ}$ ) uvahá KS ApS Buth 'maker of hfe' vdyosavitra (TS pp ${ }^{\text {atrah, }}$, MS vãyusantrbhyiem) agomugbhydm caruh (MS payah) TS MS KSA TPr 68 explangs vayo by migusautrbhyam, it is a secondary adj in suffix $a$, and evideatly the 0 is due to influence of the genitive form migos, of agner agneyãny etr, $\$ 692$
uror ā no (VS SB LS pururièmo) deva rıy̆as pāhz VS TS MS KS SB TB LS See §371н
madhu retu (TS marlhor ato, KS $\dagger$ mudhur ate) midhavah pätv asmün TS MS KS AS See §8.j7
$\S 717$ The stem pura in compoation vanes with puro, for puras, of below, $\$ 721$
aamdhâā samdhzm (M8 ºdhur) maghava purizvasuh (TA ApMB MS pp puro ${ }^{\circ}$, MS text puru$) ~ K V ~ A V ~ S V ~ M S ~ P B ~ T A ~ K S ~ A p M B ~$ puru ensednı jūrvan RV puro rakpīiver mıjūrvan AV
$\$ 718$ Twice the o 18 due to a prefixed $\bar{a}$, of $\$ 8694,698,711$
obhe prnain (TS ubhe prnakin) rodast RV TS MS prnaksi rodast ubhe RV SV V'S KS SB
 TS MS KS SB
5719 The remaining vananta are macellanenus, and rertanly for the most part lexical The first may be aome aort of phonetic vanant a aür devarr vayonddhaih (MS MS vayu ${ }^{\circ}$ ) VS TS MS KS SB MS vayunä-dha 18 certanly a compound of vayura, vayo $1 s$ ordinanly taken as a cpd of vayas with a denvative of nuh, which seems highly improbable The form 18 difficult and masy be based on wayuna- with a phonctic alteration, perbapw due to some obscure analogy
ye devi manojata (MS KS MS manu') manoyujah (KS mamu, ViDh manuıugah) VS TS MS KS SB BDh ViDh ApS Stems manas and manu
agner havyănumanyatả̀n (MS havyã no man ${ }^{\circ}$ ) TB ApS MS
pra nu (TA ApMB HG nu, Kauá no with all mss but one, and the two paddhatis, but probably read $n u$ ) vocam rihtupe juraiya $\mathrm{ll} V^{\prime}$ TA SMB Kaus GG ApMB HG MG
pra nu vocam (ArS no vaco) vidathà jätavedarah (ArS ${ }^{\circ}$ sep) IV ArS yas te slanah sasayo ( $\mathrm{AV}^{\circ}$ yur) wo mayobhüh KV AV VS MS AB SB TA BrhU AS Equivalent atema, rasaya ${ }^{\circ} y u$
yá roditíy ya ra noditd (TA yd cünulitd) MS TA na-uditio an-udutí yatheyain stri paulramagham na rodat SMB PG ApMB HG yathedam stripaulram aganma rudrıyāya MG See §801 agnaye ted mahyam áyur (MS mayo) datra IS VSL MS SB SS Near-synonyms
rudranām urvydyd’n (ApS ūrmyāyām, SS omydyāmı) SB SŚ ApS Sec 5228
sidanto vanusu yathä RV SV LS sidaneu manuso yathā RV See $\S 227$ karma krnvantu (MS ${ }^{\circ} \omega$ ) mānupäh AV MS The MS form can only be construed as a participle hanging in the air, without finite verb It 18 really a phonetic vanation
[alo (TB tato) no radrā ula nā †nv (Conc no, TB nw, Poona ed 'nv, comm anu) asya RV TB]

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§720. The majonty of vanants in this group cuncern forrus whech reaemble shufts of ablant, but only partially are the forms in question really related to each other in thas way Some, auch as gyotre and juth, are quite unrelated worda but quasi-synonyma Others are wholly obecure, and while the change of vowel 18 probably duc to bonse, yont of phonetic conalderation, the precise nature of it is problematis: One is tempted to think of the fact that in some Prahrit dialecte $u$ is $\mu$ phonetic ahorteming of $o$, implyiug that the relation of $o$ to $u$ ia not far from the pame as that of $\bar{u}$ to $u$ (cf Pischel, Gram d Pkt Sprachen §@4)
abhi tyam devam samtiram myoh (TS ünyoh) kavikratum AV SV VS
TS MS KS KB AB SIf AdB AS SS The isolated TS yt.pm ün muat mean the same as the regular onz
namo vah putarah susmàya (VS SS sāīya, SMB GG KhG sūyūya) VS VSK TS MS KS TB AS SS SMB GG KbG Conim on SMB sü̆a ti balanama
sam pū̄̄ū (ApS adds sain dhatī, MS * poṣā) sam brhaspath (KS dhitio) AV MS (bis) KS Ap.S pojes te ether a textual cormuption or dur tu the analogy of guma forms of root pisy The mantre in repeated in frugment in a Brāhmaia pasagze immediately following its quotation with poicu, and in the Brähmana $p \bar{u}_{j} \dot{u}$ is read Cf next
 PG HG ràyas paso m sidutu ApMB ApS Cf prec, riyas paso is here evidently ancondary, but mensihle
 SB kotanāu TS Wholly ubscure worda
 paiorah. KSA Lncertann part of the hurze'f body
 next.
añgosımam (ILV ōngūeyam) puramainam sakhüyah IRV SV Cf prec mano jyotır (VS SB LS jütır) jusation cipyasya (TS TB Vuıt ajyam, As rịyan me) US VSK TS MS KS SH TB AS Vat LS KS ApS MS Lincelated words hat yuant-synonying divo jyote ( KS * $\mathrm{o}_{\mathrm{i}}$ ) vevan'o (MS devajüle measuann) MS KS vevastīn aditer devajütıs TS
$\$ 721$ The stenı purü, for puru in composition, varies with purv for purna, in the fine vanant quated in $\$ 717$, it v , and ulso in tam sakhāynh purarwain (SV purū ) RV SV
8722. The $o$ is due to a prefised $d$, of $\$ 718$ etc yat kım cänrlam odima (TA ūdıma) MS TA yad vocanntlam odima (TB TA ūdıma) MS TB TA devalra hapyam ühzpe (RV ohize and ohire) RV SV TB A complacsted case, on which see RVRep $131 \mathrm{f}, \mathrm{VV}$ Ip 237 f
$\$ 723$ The rest are miscellaneous
amo 'ham asint sd ( AB sa) tuam AV KS AB SB BrbU JUB AG SG Kaú PG MG amüham asmı sil tvam TB ApS ApMB HG sā ( AB sa) tuam any amo 'ham ( SB BrhU PG aham, ApMB amūham, MG asy āpy amo 'ham) KS AB JUB SB BrhU AG SG PG ApMB MG amo, for amas, stem ama, amūham, pecular sandhı connecting some form of stem $u m u$ ( $a m ı \bar{u}$ ? $u m u s, ~ a m u \bar{s}$ ?) and aham, see Winteratz, Introduction to ApMB, p xxni
añghtine tzyno (KS visnū, twice, ms nnce visnu) mü tuāva (KS väm ura) ktamısam VS KS SB agnāvzsulu ind vām ava kramisam TS TB ApS See Von Schroeder on KS 112 and Keith on TS 11121 upno, voc ang, -uzpnz in TS devaliduandua, in KS ellupic dual (note vän in KS), but nute alan the phonetic resemblance between añghrivi and agnd of TS tapürisy (MS lapobhir) agne juhva putamgīn RV VS TS MS KS Different case forms of related stems tapus sud hepas tanūp̄i ye nas tanvas tanūjāh AV tanūpiominas tanvas tapojah AB AS sa tū (SV rall) dhanatm kārıne na pra yarlsat RV SV mi md yūnared häsil (JB yono nänt härusih) PB JB LS Both forms obscure

## 8 и au

§724 Nearly all the few vamants recorded here geem to concern the vnddht of secundary denvation as regards their au forms, but one or two of them are strange forms (For the aonst forms ruk, rok, rauk, see $\S 715$, mä bher etc)
suslokyāya (ApMB sau) svastaye ApMB AG PG MG
mâham puutram (KBU putryam) agham nudam (AG nyada, read ngām, with SMB*, SMB *ngam, "rıam) AG SMB ApMB HG KBU
ululkhald (ApMB aul') grāvãno ghosam akrala (MG akurvala) ApMB HG MG aulūkhalah sampravadantz grduanah SMB udbhinnam (Aps audbhidyam) rajñah MS ApS asir na ( $n d, m a$ ) ūrjam uta ruprajàstham (AV sau') AV TS MS KS KS Whitney nghtly calla the AV form 'anomalous'
kumbhinasah (KSA kaum ${ }^{\circ}$ ) puskarasddo lwhitahes te turiplrüh TS KSA Here, 88 in the last, it is hard to account for the vriddh, the meaning seems to be the same as that of the pnmary noun
vace krauñcah (VS kruncah) VS TS MS KSA Again the two forms are apparently symonyms In this case the form with vinddis is commoner, at least in the later language The ongin and pnmary form of the word are unknown
dyuzamantasya ta adhtyo 'nukhyôta BDh dyauh samá tayyädtly/ upadrapif HG See $\$ 833$
ıyam eva sá yá prathamā ryuuchal (ŜG eruchat) AV TS MS KS TB ApS SG HG ApMB Augmented and uligmentless forms uy uchā (and, auchn) duhitar dwah RV SV (both in each) As prec

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$\S 725$ Here we find, first, a number of cases concerning vriddh of secondary derivatuon
 TS KSA
pausino (VSK pūisī) vispandamine (ac mahiēivirah) VS VSK svarnaurthnyàye svähā KS suarmūrdh haryasuno vyasyann MS dhruvẹya bhümiyna (PG bhnu ${ }^{\circ}$ ) suähici TA MahānU PG ürvaihSS Vait aurvaih ISS With botb se pitruhich
§726 There are scveral variante of the participles dhinter and dhauhe, from roots dhu( $(d h u \bar{u})$ and dhäv 'rinse', wheh are no doubt related in ongin tho they are kept distinct in the history of the langiage ribbher dhütah (SV dhauluh) suto asuaih RV SV nother thüto (SV dhaveto) unceksnnah RV SV apsu thaulasya ( AS ŚS dhū ) TS MS KS PB AS SS̉ ApS MŚ apst thüto (SV dhautam) nrlbizh sutah (SV sutum) RV SV
$\$ 727$ In one case the au is due to prefixing of the sugment praty auhutām (MS ūh') asennā mptyum asinait (AV asmal) AV TS VS MS KS TAA

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$\$ 728$ Here again the largeat group cuncerns the vriddhi of gecondary denvation
dyumnī slukī (KS suklī) sa somyah (TD anu) RV AV SV MS KS TB namo mauñjyðyormyāya vasumndāya GDh namo muuñjyđ̌uurmydua Svidh
yat somyaryāndhaso (ApMB sau ${ }^{\circ}$ ) bubodhatz RV ApMB
jusartam somyam (TB suu${ }^{\circ}$ ) madhu VS MS TB
somanndrā (KSA †saumendra) babhrulakimas tüparah TS KSA somapaußridh (KSA sau) syāmalulamās tūparāh TS KSA yadi smasydien rdjrah nomnt Kaus yadi saumy asi sumat AG Rvidb yady afz saumi somiya GG cauraryannam (TAA BDh cor${ }^{\circ}$ ) navasriddham TAA MahānU ViDh BDb
[twam rauhinam (AV nusquoted roh in Conc) pyäsyah AV SS ]
8729 Several times the two diphtbonga interchange in the radical syllable of annat atems
md (VS SB add uayam) ràyaxposena vr yausma VS MS SB mäham rāy ${ }^{\text {a }}$ yopam TS KS TA ApS
thaiva stam má vi yaustam (ApMB yoytam) RV AV ApMB $m \mathbb{C h e r} m i n i$ etc, see $\$ 715$

5730 Once the au form 18 due to prefixed in, of $\$ 722$ etc
 IS TS MS KS SB
8731 A few cases, not all textually certmo, concern the elision of a before o instead of fumon These are paralifi to the similar cases of $e$ (1t, $8709, \mathrm{q} v$
upayämam adharemausthenn (TS ${ }^{\circ}$ nuşthena, KSA adharosithena) VS TS
MS KSA Sce TPr 1014
saha ojah (VS sahaujah, VSK sahujah) VS VSk AB GB AS Valt.
Adverb saha plus ujah in VS VSK, the latter with irregular sandh, the other texts suhas + ojah
ya aiviwesosudhir (MS ${ }^{2}$ Sau vadher) yo manaspatin AV MS There is a v I ${ }^{\circ}$ ausiodhir in AV, which Wheney adopte in the text
[sukurīrī seaupuī̄ VS TS KS SB mekarīrā svopasō MS But several mss and p p of MS sraup ${ }^{\circ}$, which should probably he read in the text The secoud part of the cpul 19 certannly opasta, and the first probubly sva, tho it is sometimes assumed to be su, doubtless this way Von Schroeder's assumption when he printed sonpásià in MS।
8732 Miscellancous:
asthürı nau (nu14, no, nu) etc, see $\$ 950$ Dual and plural pronoung nau and no (nax)
[ye he robhayādalah (TA cau', Puona ed correctly co ${ }^{\circ}$ ) RV VS TA ye ca ke robhayñatah AV।
anupauhiad (ApMB ariu po 'hvad) anupahuayet (ApMB anuhvayah) HG ApMB Tbe ApMB aurely meana $p$ for un, comm eays $p$ is 'chindasa' fur $e$ ', of Winternitz, $p$ xxi The HG seenia to intend a form contanneng upa, but it is currupt and obscure

Rudre may show a vanation which properly belonga here, but nothing is really known of the word
agne devinam ava heda ıyaksea (KS iksun) KS ApS ıyakpva 19 a deaderative from yaj, posably for met ncal reasons, KS presents a sort of contraction of it, whech in VV I p 123 we have doubtfully classed as a root present
 of the commonplace adjective dhanyah to the monstroue dhanih can only be a phonetic corruption or blunder (or should we read dhani, from dhan:2n?)
§736. Of the lexical varianta, several concerm monosyllabic forma like ad, im, varying with yad, yam, or the like
apām pryasvad $t$ (KS yat) payah KV KS apām payaso yut payah AV TS TB MS
goman od (SV yod) indrate nahhäliV SV
 SS LS
milram na yam (Tli im) sımyã posu garvarah (TB oval) RV TB samyak (TS MS TAA ApS * MS sam ut, KS * sart, all msa) sravant
 SB TAA KS Apś MS
yadı tnam ritra (Valt t'am cutra) manasā jagantha VS AS SS Vat yod-vat tvam alra manasānumettha LS ttı cid dhe (AV "yadi nitinu) tui dhani jayantäm RV AV (buth)
§736 In nthers the vancition 13 accounted for hy the presence or absence of the augment or a paricle or the preponinoo $\overline{\text { a b b fure a }}$ verb form or derivative noun, and after a preposition ending in a
$m \bar{a}^{\text {d }}$ henur atyinsimn (HG atisi ${ }^{2}$ ) HG ApMA The true reading 18 manufatly that of ApMB, HG has a phonetic reduction (it ahould mean 'having diarthea")
 praty u şthit) KS yajriah praty u sthät sumalau nuliname MS toyena glvän †tensasarja (TA text vya ra sarja, comm v l ryasagaraa) bhūmyñm TA Malünd The only possible reading in TA is vyasasurja, which is it self a nomslous enuugh, see VV I p 140
 (v $1{ }^{\circ} h h u ̄ \cup a m$ ) MS
§737 Stems or padings in a varying with extenaiung in (y) a agnir grhapatinnim (MS KS gairhapalyฝnàm) VS TS MS KS SB sūpustha uaz vanarpatyah MS sūpastha devn vanaspatih 'TS ye 'onayah purisyüh (purisinah), and others, see $\$ 907$
devi dudrau (Vait devit dedro) ma mai samtōplam TS AS Vait The dual verb ahowa that the plural of Vait is unposable süryo ripam krпute dyor (MS dyaur) upasthe RV AV VS MS TB Only a gen can be construed here On dyauh as abl-gen aee Wackernagel, III p 224, infra
yalrádhı rüra udıto vibhit? (TS uditau vyetı) RV VS VSK TS Others, 83
min toan ni kran pürvacto (AV ${ }^{\circ}$ rıtlū, MS ${ }^{\circ}$ ciltau) nikārınah AV VS. TS MS KS See $\$ 399$
ımau (Kaus yau) te paksīu (VSK MS KS ${ }^{\circ}$ (ā̃) ajarau patatrinau (VSK TS $\dagger \mathrm{KS}$ cno-so all texts, before following sonant) VS VBK TS MS KS SB Kaus Nom dual gen sing

11 'Samprasarana', $i(\bar{i}) y a, y \bar{a}$, and the like
8733 We have already referred in $\$ 656$ ff to the phenomena of so-called eamprasarana as they concern $r$ in variation with ra, rd Similar exchanges occur between $z$ and $y a$, but in almost every case they concern morphologically or lexically independent forms There an hardly a trace amung them of the genuine ablant relationa that exiat in such roots as yaj $\quad \mathrm{J}$, etc The phonetic imporiance of theze variants 18 thercfore secondary and contributory They show that fluctuation occurred het ween such sounds or sound-groups, and so tend to aupport. the ablant relations of a ya as a hve factor in the language Indeed so live was thes factor that it was capable of producing secondary and analogical developments where it did not belong hisionically, as in the following case, which is the most interesting of all these vananty from the phonetic standpoint
agne yat te tegas tena tam prale thtigdhe (KS htyagdh, AV tam oteguram krnu) AV MS KS ApS For the 'adventurous' tztyagdhi, from ront th but apparently influenced in form by thought of tyaj or the hike, see VV I p 191
\$734 All our other vanants are morphologically or lexically quite independent, except possibly the following prapintain (MS v l ${ }^{\circ} \mathrm{lam}$, TS ApS prapyätain) agne surırasya (MS salilarya) madhye VS TS KS ApS MS The 'roots' pi and pya are ultimately one
yatrüxate sukpto yatra te yayuh (AV ta iyuh) RV AV VS SB TA 'Iloots' $y \AA$ und $i$, the latter form here inetncully poor mikirida (KS ${ }^{\circ} \mathrm{da}$, U'S ${ }^{\circ}{ }^{\circ} \mathrm{dra}, \mathrm{MS}$ vyakrda) minhita V'S TS MS KS It as barely posable that the first syllable of this obscure epithet of
antımitraf (TS anlyam ${ }^{\circ}$ ) dūre-amitras (MS 'metras) cu ganah VS TS MS KS Both probably mean 'having near fnends', anti and adj anlya Weber and Keth follow the comm on TS in dividing anty-amitras, 'mith foes withn,' which is less plausible
ugniv huvyam (RV KS huerh) sumiti süduyatı (AV ovadayalu) RV AV IS TS MS KS
ahüh hariram (TB ahäc char ${ }^{\circ}$ ) payasā̀ snmetı (TB ${ }^{\circ}$ 'ya) TB Valt (also AVPpp) The correct reading ta doubtless the gerund sametyn, the 3d sing eamet may alnuost be considered a case of genuine 'Samprasārana' Cf VV Ip 164
klm it te uisna paricakpyam bhuit (SV pamaksinama) IRV SV TS MS N The SV form is acarcely iuterpretable (see Benfey's Glossar for two eugecstions), and 18 probably 4 surt of phonetic corruption of the ot her
tah präcya ( ${ }^{\circ} y \mathrm{y} h$, prīcir) , see $\$ 397$ Equivalent case-furms, othera will be found in the volume on Numb Inflection
§738. Reinoter lexical vanauta and corruptions
satyam vadinty anv icha (KS anut yacha) etat TS KS PG antu-ı'seek after' anu-yam 'follow'
yebhur visvam (SY vy aśvum) airayah RV SY Vy aśvam doubtess a corruption, favored by this sort of phonetic shift Benfey takea astu as a proper name
anyän tha pntrsudam vyaktām (ApMB vitūn) RV ApMB jāmım tha pltryudain nytktam (read "tam) AV nittm is certanaly secondury Note that in J fmim anyaim we also have a kind of samipraaūrana in the binal syllable
actltapaje (TA nciruta ${ }^{\circ}$ ) agnü MS TA SS Also acillumana (TA aryıta ${ }^{\circ}$ ) upanaktā, yame texts Here yu z vary, rf the second variant in §736, and next
bhujyuh (MS bhují) suparno yпjña gandharval VS TS MS KS SB $y u \quad i$, cf prec
pāh mädidyoh (TS TB madya dıvah) VS TS SB TB
ayam yo 'sı (MS yo asya) yueyı ta rdam birah KS ApS MS The latler certainly eecoudary
yena bhūyas ca rditydm (ApMB caräty ayain, MG caraty ayain, PG bhürıs cara divain) AG PG ApMB MG See $\$ 61$

## 12 Samprasărans $u(u)$ va, va, and the luke

5739 Here, as in the preceding division, there are very few purely phonetic vananta, almost all of them involve lexical or morphological divergences The mont clearly phonetic cases are
war (KhG sur) abhuyakhyam KS ApS GG KhG suar abhuyakhyam
 for suar, of the Dhatupêtha root sur 'shine'
 Different ablaut grades of the root vas 'shine' agnir havyam (RV KS haerh) samith suidayät (AV suadayatu) RV AV VS T8 M8 KS The roota süd and aved are distinct hatomcally, but no doubt related prehist nincally
agner havydne sivvadat ILV aynir havyd supidati RV
ayd no yajüam vahils KS ayasa havyam ưhışe ApS ApMB HG And others, see $\S 502$ Related roots vah and üh
And simularly in auffixal elements
 Bntb these etems are familar adjectivea
madhuntamdndm (VSK madhmant ${ }^{\circ}$, MS madughánān) tuá patmann ridhūnomi VS VSK SB MS The VS form is a kind of superlanve to madhu, modeled upon matirn-ama, which nccura in the preceding formula The VSK form as a vanation on the other, suggested by suffixal forms in van(t)
aцgatuh karma karanah karssyan JB sugam tuah karmah karanah karah karasyuh IS $S n$ the printed ed of LS, BR read augantuah 'lescht gangbar', but no "gantur is recorden The text is evidently very corrupt
 'protertar aghinat imprecation', filliwed by tbe particle $u$, while other texts read abhisastipā̃ä, as nom of a suffixal form in -van, of Lanman's note in Whitncy on AV 1924 5, which suggests that AV is secondary
 abhūr grafinam (AV evasinam in lext, mes u apinan, HG apinan,



And amilarly, the particics $u d$ and $u$ interchange once yad va (KlKh u) devi sarasvatī Al RU'Kh
§741 The prefix su exchanges a number of tumes with the stem sua in enmposition, just as botli of them exchange with $\delta a-(\$ 364,612)$
 MS hS
tmam yajnam svadhay ye yajante ( KS dadante) KS AS imam ca yüñam sudhayai dadante MS ya imam yajriam svadhayì dadante ( 5 s bhajurte) is Ts SS
suga (TS ApS suagā) vo devàh sadand (TS N sadanam) akarma (MS $k_{\text {rnomi }}$ KS Kaús ApS sadananz santu, KS devda sadanednm astu) AV VS TS MS KS SB KS Kanig ApS N
sunuizi svayabautarum (SV su') RV SV
avabhrthust ca svagakāraś ( KS ma ${ }^{\circ}$ ) ra MS KS So the one me of KS,
but ed em reagaio, no doubt nghtly, of ava ca me sunga $a^{\circ}$ en me, in Conc
tkayd ra dakabhzs ca svabhừte (AV cā suhüute) AV VS MS SR TA AS SS See $\$ 119$

§7t2 The rest are aporadic lexical variants
 maved msuntupam) induh VS KS SB KS Other cases of usu m $n$ koa in $\$ 291$

 brahmädhıguplah (PG brahmäbhı²) suärā kinaränı (PG surakpıtah syàm)

 asmãn (MS KS a.smän) u deví avatī havegu (MS KS bharegv 亿) RV SV VS TS MS KS asmän devdro †'vatā havçı AV svädhyo (TB ${ }^{\circ}$ dhryo) viduthe apsiu jijunan (TB apsi $a^{\circ}$ ) RV TB purutri te manultine (AV vanvatain, comin vanutim) mithtam jagat RV av vS TS MS KSA N Sing plur, bee IV Ip ${ }^{266}$
 AV AA SS
 AS SS See $\delta 反 6693,826$
©743 A number of tumes, in lexical or minrphological varianis, $v$ or in is found varyng with $u$ or $1 \overline{1}$
vidyutim (PG MG udyatim) ıma siztyah SS AG PG MG
 ${ }^{\circ} h y$ ütaye) $R V$ SV The varation may alsu be considered une bet ween $y \bar{u}$ and $+t(580 \overline{5})$

 bhiti) IRY 'S TS MS KS SI: ApMB Ci 8791, and next vanant The form uruyiderms to he charicteriatic of MS caksur ma urvyä (KS urnyă, MS urıyä) m thah VS TS MS KS SB Cf prec
dhipare vidu (ridur) , and others, see $\$ 169$ yatradh sūra udito urbhalı (TS uditau vyetı) RV VS VEK TS yasminn adhe entatah süra etz MS KS yasycsau suro vitato mahtod AV See $\$ 83$

$$
13 \text { aya } e \text { and the like }
$$

§744 On this keneral subject see Bloomfield, AJP 527 ff , Wackernagel I p 53 f It is clearly Prakntic in character The varianta are few, and mostly capable of different lexical or morphological explanations Perhaps the only purely phonetic varant is the following, the MS form 18 not otherwise recorded and 18 reasonably supposed to be merely a dualectic form of the other
namah kinilkya ca ksayandya (MS kpenāya) ca VS TS MS KS Epithet of land
\$745 In acveral vert forms we find the same vanation, where the ayc forma may (with more or less forcing) be explaned as causatives, or as lat class presents, the alternative forms being denved from the nun-causative, or from root-class presents, but undoubtedly the phonetic tendency in question is involved in them
arejetān (TB arejuyatism) rodanī pdjasã gırū RV TB Cf VV Ip 154, a sort of hyper-Sanskntism in TB, which spoils the meter ultumam nakam (VS MS KS SB uttame nake) adhr rohaymam (VS MS KS SB ${ }^{\circ}$ yannam, TA rohemam) AV VS TS MS KS SB TA See VV I p 152 The contracted form of TA 18 unmetrical sed u rdji kgayatz (TB kpetı) carjaninam RV MS TB The contracted form 18 again unmerncal Cf VV Ip 123
agner (also vāyur, prajdpatır etc) dīkitah dikzapalı (JB dikseta) JB ApS See VV I $£ 160$
$\$ 746$ Otherwise we find a few mascellaneous cases, concerning noun inflection or particlea
pnbat somam mamadad (AS SS ${ }^{\circ}$ mam amadann) enam isfe (AS SS isfayah) AV AS SS See VV Ip 83
laryed (AV tasya yad) ahuh mppalam svide agre RV AV The AV expansion is hypermetnc, according to Whitney, Ppp agrees wnth RV
5747 As showing analogous tendencies, we append a miscellaueous group of cases of vanation between $e\left(a_{\imath}\right)$ and an, ayn, ıye, ıya, ā-yn For $e y a, y 屯$, see $\$ 803$
 (Kaus tansd) brhanlah VS TS MS KS SB Kaus Soe 898

T8 ppestha, 2pah, and accordingly Keith, 'well-nounahed', but this is implausible The onginal doubtleas means stha isd 'ye are great by food', Kaut, 'by otrength'
tebhyo ghptasya kulyuttu (TA dhirayzlum) AV TA The AV form intends kulyd-tu, TA suggesty dharautu (dhardetu) us un intermediate stage between AV and ita secondary reading druroha tee saráa (KS tvayy apı) KS TB AS Valt. ApS MS revalı predha yajñapatım ì uśa MS KS ntuatı yajamine pryyam dha ì unsa VS SB revatir yajriapatım priyadhuiensata TS ApS The old adverb prodhi (doubtless original), 'kındly', becomes priyodha in TS, and this is further broken up into priyain dhäh, 'establish the pleasunt', in V'S
in dhūmain ayne arusam mıyedhya (MS medhya) RV VS TS MS SB TA meyedhr and medha, hoth RV, are synonyms, it ie a disputed question whether there is any ultunate relation betneen them agnar devebhyah suvdatrigebhyah (TA ruvidatrebhyah) IV $4 V$ TA N In the ormanal form 'durnyebhyah stinds for ${ }^{\text {º datryebhyah (suffix ya) }}$ pratiravebhyach (TA pratirebhyah) svilia MS TA The correct reading is certainly that of MS, protirava in the soma ritual means the 'echn-hole', otherwise called uparava TA comm pratirelhyo 'bhiveddhitetubhyah prinadevehhyah (us if pra-tira 'extending' (life))
 GG HIG ViDh $\bar{a}-y \bar{a}$ and $\bar{a}-i$, Eynonymis
Compare the interpsting cape agrim (SV agnim u) irtsithatorisami IIV SV , see $\$ 843$

## 14 ava $o$ and the like

$\$ 748$ Sep the references quoted in $\$ 744$ The vanants are even fewer than those concerning aya and e The mont clearly phinenc instance shows the pecular pronominal emative fonin to (Wachernagel 1 54)
toto (MS KS MS tava-tava, TS Aps w-te) rägah VS TS AS KS SH KS ApS MS
§749 ()ther stray cakes which involve the same phonetic tendency yatra yanti stotyäs (KS sravatyas) hu gutam te AV TS MS KS The fuller form of KS improves the ineter KV knows the atems srutyā (found here) and sravantī $=\mathrm{KS}$ aravatī, both meaning 'stream' But note that several mas of KS read arauatyās, which points to a hyper-Sanakntic form based on stotyäs
sī nah priyd supratūrlir maghoni TS sā nah supratürtıh priyā nah
suhar nah priyavaner maghavanir anta ehi MS In TS the regular fern of maghavan, based on the weak stem maghon-, in MS an textension of the strong stern
swihd tud subhava (VSK TS ApS ${ }^{\circ} \mathrm{vah}, \mathrm{KS}$ subho) süryãya VS VSK TS MS KS KB SB ApS The KS probably has really a phonetic contraction, but ruay be understood as from stem ou-bhu ( $-b h u$ ), parallel to -bhata(n)
anabho mifdu dhürte (read ${ }^{\circ} / \mathrm{m}$ with sume mas of MS and all of MS) MS MS andrbhava mrda KS Apś Cf $p=5$ Nachtrage, $\mathbf{~} v$ Pussibly here ulso forms of root bhū may be involved, as in the last, but the readings are very obscure Epithets of liudra KS ma reads unänbhava, Kaps uniri
$\$ 750$ We append a stray lexical variant of aun and $\bar{u}$,
atamast ta ürvais te kduyata te pettbher bhakyayīm PB LS ümath petrbhir bhakyayämi AB SS vait It is posenble that the latter form intends avama 'nether', instesd of ima 'helper', which does not fit pitrbhit ar, well We should then have a sort of Prahritic reduction Caland does not translate the word in Yait
For o va, vi, see $\$ 804$

## CHAPTER XVI INSERTION OR EXPULSION OF VOWEIS

## 1 epenthesid of vowel between two congonants

§751 In the chapter we shall consider mannly two kinds of variation One, the more extenave, 18 the writing of $i y$ for $y$ and $u v$ for $v$, it 1 s , as we shall see, primarily a matter of orhography, sance it occurs almost exelusively where $y$ and $v$ have vocalic function The other, which we chall take up first, is epenthesis of a vowel (usually i) between two consonants It is dealt with in Weckernagel I \$ $\$ 49-53$, also, in во far as it conceris anorist verb forms contaming -ry- or-ms-, in VV I pp 189191 As Wackernagel says ( $p$ 57), this epenthesis is clcarly related to the Praknice tendency to avoid a succession of diasimilar consonant: hy a similar epenthesis
\$752 In the varianta it is almunt alriays a matter of genume epenthesis, that is insertion of a vowel which was onginally ahseut The older form of the vanant is repularly that which lacks the vowel, and moreover in most cases the hatory of the word justifics the assumption that the original forn of the wort lacked it
$\$ 753$ Pcrhaps the only two ceases in which heyond any gueation an original vowel is expelled in one form of the vanant are the following, on which ser VV1 pp 190-1, and Wackerniagel Ip 60 As Wackernagel ohserves, the forius wilhout the vowels are hyper-Sanshritic Cley show a straming to avoid what is felt as dialectic and incorrect, carried to the point of dropping vowels which properly helong in the words
 tīrsah, Kaué tärsat) RV AV SV V'S ©TS *MS KN *PH TB TA AS SS ApS Kaus $N$ * The Kau' form is had metically arhettiī te (TB ApS * vou) mis nyum ( KS nyal, MS and all mas of MS müraann) TS MS KS TH ApS MS Suce the root is riş, the Maitr form (to be read alau in MS ) is formally impusulble, except as a purely phonetic (hyper-Sanskntic) variant for mä rasam
§754 In the next group of varianta, anciste of the ront car, hath formia with and without $z$ are otherwise known, hut at least in two of the three cases the ulder forms of these particular varianta show forms without 2 , so that they may also be counted as hyper-Sanskntisms apo (RV AS apo) adyiñn (TS TB JB ApS an", AV dıuyáj aciàrığam (JB $\dagger$ acãrstm, AV acāyssam) RV AV YS TS MS KS SB TB

JB AB LS ApS MS ApMB ApG MG Add to VV I §286a,
p 180 Note that JB to unnetrical
agre uratapate oratam acarisum (MS MS $v 1$ acarsam), VS TS MS
$K S \dagger$ SB SS ApS MS HG
uradinsm uratapale (Kaú 'patayo) uratam acambam (MS acarsam) MS TA Kaú
$\$ 755$ The onginal form of parasu or partu is uncertan, Wackernagel 851 believes that it was parsu, but parafu seems commoner and is apparently supported by Greek wiherus In the vanant which follows the meter is indeterminate (reading suasth, the form parsur can be made to fit metncally), but note that in TS buth forms of the word occur in the same peda, which makes partu suspicious parnour (TS parsur) vedih paratur nah svast (TS ${ }^{\circ}$ tih) AV TS

8766 There are ot her cuses in which double forms, with and without the vowel, are more or less farmiliar in the language generally But it appeary that in most if not all the other variants, these paricular formulas onginally contanned the form without the vowel, so that the form with epenthegis may be regarded as secondury at least in the context considered
6757 The vuwel ingerted 19 regularly ${ }^{2}$, seldom $a$ or $u$ It, is found conimonly before or ufter a hiquid, generally $r_{\text {, a }}$ and most frequently of all between $r$ and a abiblant or $h$ In addution there are a number of casea in which the epenthetic vowel iseems to be inserted before a Labial consonant, especialy $v$, thus principle is not reconnized in Wackernagel, nor, an far as we know, elsewhere The ingertion is as a rule injunous to the meter, to make the text metricul it has to te omitted

8768 First, between $r$ and abblants the only certan cases except that mentioned in $\bar{\xi} 755$ are sonst forms We have mentioned above thues in which the vowel is certanaly or probably onginal Those in whech it is secondary are (sec on them all VV I, I c)
yad ratriyī (MahanU TA v 1 rätryä) papam akdŗanm (TA v 1
akireqam) TA Mahand
diteh putrānam adter akārsam (MS akírınam) AV MS lan nah parsad (MS parsad) alt dusah TS MS
dakyam te bhadram abhârsam (AV ta ugramn à bhâmaam) RV AV
5759 The unly other case ts probably no genuine vanant, ance the Poona ed of TB text and comm reads dhürsadam it is therefore probably to be dcleted in Wackernagel I p 56, hkewise delete there the form dhüresah-, which is supported by only one me in TS 1282 . the uther mass all read dhürsăh-
ghtlapralükam va (TB ca) plasya dhüryadam (TB Bibl Ind dhürusadam) HV TB ApS
$\$ 780$ There 18 one vanant vowel betweeu $l$ and a situlant, most mas of MS (in three occurreuces) and of MS (in two) read with epenthess -velisuā, which should no doubt be read in all the Maitr passagesa, altho Von Schroeder, for no apparent reason, reade twice -valsd and only once -valusū
sahastavalsá (MS *MS v $1^{\circ}$ valıisa) n vayam nthema RV VS TS MS * KS §B TB ApS MS The cpenthetic 218 bad metncally
§761 Between $r$ and $h$, there are two instances of the amme wonl The varation 18 really lexical (rpärha sväruha), but ts certsuly helped along by the t.padency we are cousidenng spärhà (TB svodriha) yasyas sruyo drke RV KS TB
х $\quad$ ātho (TB suintito) deva ruyutvala RV SV V'S TB
F762. A single instance between $l$ and $h$
etad brahonann upa valhimare (AS apua, LS upabahhamahe) luà VS AS SŚ LS
§768 Lukemse one between $h$ and $r$
dahram (v 1 daharam) vıpípmavaravesmahhütam (TA Poonse ed vipápum [v l vipīpma] varió, MahānL' vipāpmam raram [v I vara-] veirrus ${ }^{\circ}$ TA Mahend Both duhara and dahra are known, the latter is reguired by the meter here
$\$ 764$ Before labial cunsonants, kenerally v puru tvà düs̃oān (SV dāsıvīn) voce KV SV The inserted a in SV is doubtless meant to improve the meter In IRV dübuăn was trissyllabic ( $\mu$ robably laisiuin, Oldenberg) rutah sulakia dhanm (SV dhunzva) RV SV Read dhanua in $11 V^{\prime}$, the $a$ of $S V$ is to be explaned as in the prec
aburna gharmam pätam härdivanam (TA härddivenam, read mith Poona ed hardz ${ }^{\circ}$ ) VS SB TA SS And others, see $\$ 267$
varsimā (VS varsıma) ca me dràghimí (TS draghuyā, MS drüghmd, KS dragheir) ca me VS TS MS KS The 2 -fornn of VS are exceptional Interesting is the TS funn, which auggests a middle stage *dräghivà (blend of $\mathbf{K S}$ drighvá and VS dragh ma), whuch has suffered metarhess of vowel and semi-vnowel (iv uy)
Here we may also menuon the common forms pithen und pitheot In the one vanant noted, the meter requires the shorter form It in a disputed question which 18 the onginal, Wackernagel thinks prthert (I p 58), but there 18 somethong to be said on the other side (cf eg Avestan parathwi)
prither (VaradotU prthwi) owwared ywatih sajopach TB VaradotU
8765 Finally, an isolated corruption
yad asyd anhubhedyah (LS anuhodbhydh) AV VS GB SB AS SS
Vait LS The LS form is an unanterpretable corruption The word anu doubtless floated before the mand of whoever first spoke or wrote it

## 2 witing of ty for y and $u v$ for $u$

5788. The fullest previous account of this subject 18 found in Wackernagel I 8181 a , note, a bnefer statement in Whitney 129d The PraHeakhyas seem to take no note of it, not even the $\operatorname{TPr}$, altho the resolution is pecularly characteristic of TS and other Taut texts In the commentary on $\operatorname{TPr} 225$ Whitney leheieved he detected a reference to it in the term sphuria, but the passage is by no meana clear
$\$ 767$ The arbitrary and capncious nature of the Vedic tradition comes out nowhere more clearly than here Certan broad peneral tendencies appear, the most atriking is the tendency just mentioned of all Taturlya texts to prefer the spellinge $y$ and $u v$ Yet even this 18 cint acrose by counter-currente in individual cases The participle of the root $\mathrm{k}_{\mathrm{g}, \mathrm{n} \text {, which in all nun-Tait texta begrangs with RV itself is regu- }}$ larly spelled $k_{\text {singnt }}$ with resolution, in Tait texts alone keeps or rather restores the histoncally 'regular' spelling keyant, in defiance of meter which ahnws that even there it muat have been prouounced ksigant (8795) In some other eases where resolution is regular, Tat texta perversely show the unresolved form, thus going counter to their keneral practice For instance, in two variant formulas ( $\$ 797$ ) they read primnuätham (thus time with VSK) aganat prornuvi of all other text 5 , which is the regular form in the present of the fifth clase when the present-sign nu is preceded by a consoonant (Whitney 697a) Again, the word which in most texts is wniten huraha seems to have in the Tait school the defintely eatablahed forn kvila ( $\mathrm{g}_{7} 72$ ), nor can the be explaned as due to metrical considerations, ance it is found in prose Brahmana passuges Simularly the advcrb urnyá (an RV always) te spelled urvyã in TS (also in VS, §791), and kumayi or ${ }^{\circ} y$ a of MS KS ıa wntten kvayi in TS and IS A Tart text (TA) even contans one of the three cases (nyemur, for $n$-yemur) in which the final vowel (i or $u$ ) of a preposition is suppressed before the related semi-vowel ( $\begin{aligned} & \text { or } \\ & \text { or }\end{aligned}$ ) which follons it, thus leaning over backward to avoid even the semblance of the revolution of which the Taut achool is otherwize so fond ( 8770 )
8788 Nor 1 y the Tart schonl the ouly one which displays the capn-
cious character KS in general dues not favor $\boldsymbol{i} y$ for $y$ or $u v$ for $u$ Yet in the case of the single word which all other texts write tryan, KS in three different vanants shows the invariable spelling eriyav (8776) The RV itself is gulty of one strange anomaly the pres mad participle of the rout su 'press', is always witten swaira, despite the fact that, as the meter shows, it was always pronounced störn, the SV in the case of this word writes always suana, in accord with the actual pronunciation (§794)
§769 Generally speaking, this matter 18 one which concerns orthographlc convention alone, not phonetice in a proper sense This 18 proved by the fact that in practically all metncal pastages the $y$ or $v$ was syllabic Thus the wring $2 y$ or $u v$ representa the actual pronuncation of all texta better than the other writing Nevertheless it is almost invarnably secondary In nearly every case the older version wntea $y$ or $v$, and a secondary text (generally of the Tait school) substitutes $2 y$ or $u$ "
§770 To such an extent. was $y$ or $v$ felt, ay a proper way of wring the actual auonds $2 y$ or $u v$ that in three vanant texta we find an unginal $\mathfrak{i}$ or $u$, as final vowel of a preposition, auppressed in certain texta before a following initial $y$ or $v \quad \mathrm{Cf}$ Wackernagel Ip 59 Theac three cases are cunous cnough to be worth apecial mention They are mil tui ke con $n_{l}$ (AV ke cid $\dagger$ m) yaman vim (SV ke cin ne yemnur in, TA ke cin nyemur in) na päsorush HV AV SV VS TA The TA form, which defies incter ay well as etymology, can only be interpreted as atanding for $n i$ yemur, so the comm There 18 , to be sure, a v I ni yemur, but nyemur is well attested and appears to have been the actual reading of TA
graha visuajanina neyantar (KS nyantar) MS KS This aud the next passage are prose KS can only intcod m-yantar
unvī̀s PB anuvã̌r TS KS (not GB Vait, see §255) anuvīya MS Here PB can only have in inind anu-vā
$\$ 771$ In a handful of cases this resolution 19 attended hy false divisions which lead to real lexical variations in becondary texta, as when apsu à 19 resolved to apruv á which is then read apsu vd in TS
 $y a n$ (thru the middle stage myañ) in a secondary reading of AV ( $(\$ 778$ ) Again the adjective apy (5785), and the RV abhvam (two ayllables, not "abhuam) is revamped by TB into ab-bhuvain, thinking of ap 'water' ( $\$ 790$ ) Other vanants which have lexical beannga are auvān wifn(a), §778, nu fur nu varyng

With ' $n v$ for $a n u$ (wrongly pnnted $n w{ }^{n}$ in TB Bıbl Ind ed, 8778), and the few cases in which euffixal forms in iya $(n)$, pith $i$, vary with forms in $y a(n)$, the i proving that we are not dealing with mere resolution of $y$ to iy (6786) With these exceptions, all the cases listed here are purely phonetic, or rather orthographuc

8772 The varants fall into five clearly defined groups First, 2 or $u$ final (either absolutely or in the geam of compounds), written $2 y$ or $\boldsymbol{u v}$ as well as $y$ or $t$ hefore an initial vowel, most commonly after more than one consonant Second, non-final $y$ and $v$ in radical (intial) syllables, chiefly the one word sear (suunr) and its compounds, plus several words beginning in $k$ - (in which the iy or $u v$ form seems to be more promary) Third, the sutfix ya pronounced $2 y a$, and writen so in secondary texte, in practically all casea after more than one consonant Fourth, the stem-final of notin stems in long or short 2 or $u$, before inflectional endinge beginning with a vowel, again the $y$ or $v$, even when not written $2 y$ or $w$, is regularly pronounced syllabically, but written so only in secondary texts Fifth, a few miscellaneous verb-forms, elther finite verbs or participles
$\$ 773$ In all of these groups except the lust, the writing iy or $u v$ is secondary to $y$ or $v$, but accords mith the actual pronunciation as shown by the almost unvarying tegtimony of the meter Agan in all except the last, it is regularly Tait texts which show this secondary wnting Typical is their treatment of the word suar, which they practically always wite suvir, the few exceptions are mostly inatances in which ancillary texts of the Tait school have borrowed formulaa from other, non-Tait texts (euch as KS, from which ApS frequently quoten), and have retained the charactenstic apelling of thoge other texts It would not be unreasonable to see in the writing of $2 y$ and $u w$ an attempt to represent the actual pronunciation The same tendency may be noted occamnally in other schonls, and in the reverse change, as when SV always writes svann, in accord with the meter, for the unmetncal RV suvana ( 8794 ) Yet, as we saw above, changes in hoth directions are sometimes introduced in defiance of meter

A $u v$ and $2 y$ for $v(u)$ and $y$ final before vowela
8774 Most of the varisnts are metncal, and of course the $y$ or $v$ is always syllabic We begin with the particle $u$, which in the RV etc is alwaye written nut $u$ but $u$ before a following vowel when it is preceded by a word ending in a vowel (or in y for final $z$ ), but $t$ when preceded by a consonant (Wackernagel I \$270a)
ghyte ofrito ghrtam $v$ (TA w) asya dhama RV VS TA AS MS praty $u$ (TB w) adarky (TB †adrky) dyalt RV SV TB SS AS na vē $u$ (TS TB ApS w) tlan mruyase na nisyast RV VS TS KSA SB TB ApS
sa $u$ (TS uv) ekavnikavartanth TS MS Prose
\$775 The spelling $u v$ was regular from RV times in the word auvita (onta) It ie therefore not surpriang to find it not lumited to Tait texts burad themantuh stunte dadhäta (MS ${ }^{\circ}$ tu) KS MS sarad varisih sute (TS SMB suvitam) no dadhata (TS SMB astu) AV TS SMB The meter requires $u v_{\text {, }}$ but even with that 18 poor in TS SMB because of their change to astu
suinte mi dhäh TS MS KS SS LS SG N sinte etc VS GB SB AS Valt Prose
$\$ 776$ The word tryanh, si sprelled in nearly all texts, is thrice spelled tryain in KS , altho this text rarely reaclvea $y$ to $2 y$, and altho Tait texts write this worl tryaul(') Two of the vananta are prose, the other requres syllabic $y$ or $y$
tryave (KS triyanr) gaur vayo dathuh VS MS KS TB tryavar ( KS tmya${ }^{\circ}$ ) nayah IS TS MS hS SB Ap:́s Prose tryans ( KS traya $a^{\circ}$ ) ca me tryanī ( KS traga ${ }^{\circ}$ ) da me (MS Ms oint me twice) VS TS MS KS MS Prose
$\delta 777$ The rest arc aporadic
sutudrn stornam surukī parupiny (TA ${ }^{\circ}$ my) à hV TA MahánU N In a jagati stanza, KV certanaly pronounced ${ }^{3} n ı y-\kappa$
usikny ('ГВ ${ }^{\circ} n 2 y$ ) aisy osadhe AV TB

8778 False divisions resulting in lexical vanations or corruptions are found in the following
yail ojadhisun apsu à (TS apsu vã) yajatra ItV' VSS TS ŜB apau vī̀ clearly based upon the intemmediate stage apeuv ia as matter of fact, this may be what TS really mitends, but pp divides apsu vū, and so Weber and Keath
nyañ (AV mı yan) nı yanty uparasya mokrlam (AV ${ }^{\circ}$ itm) $k V$ AV IiS The AV has a corroplan bused upon myañ for myan
srāna bhrajäa VS TS SB KS ApS svān nabhríd KS suīna bhrat TA sumiñ nabhorid MS MS In the later ou-tok (vaí) is meant
lato no rudra ula vē $\dagger$ tn asya RV tato no rudrü ula vā nuv (but Poona ed 'ne, and commanu) asya TB We assume that the Poons ed 18 nght , so that the vanant does not belong here ]

We have hated above ( $\mathbf{5 7 7 0}$ ) the three variants in which just the reverse tendency occurs, namely, a final $z$ or $u$ is suppreased before an initial $y$ or $v$

## B Nun-final $y$ (v), in radical (initial) syllables

$\$ 779$ These mostly concern the one word aunr and ite compounda Numerous variant padus begin with this word itself They can be got so esaly from the Concordance, and show so little interest individually, that we have not taken the space to copy then out here It will be seen that the form suvar is practically lemited to Tait texts, but that in them it is nearly unversal The rare cases in which Talt texts write soar are generally due to quatatione (in such texts as ApS ) frorn non-Tait sources, retaning the nun-Tast spelling We note that in the vanant a(u)varge loke samprornvithim TS KSA TB, the true reading of KSA is †tvarge loke †samprornuvatham, correct. Conc
\$780 In addition to formulas beginaing with suar we find for exarnple (the hist 18 far from complete)
part lokān parz disah pan seah (TA MahānU suvah) V'S TA MahānU dı讠 mūrdhünam dadhese svarsam (TS TB ruvi) RV VS TS MS KS TB
hiranyavasir qazrah avaryāh (TB ruvo ) RV TB - The compound stern sentaía occury also once initially, viz
svaŗāin (TB suv ${ }^{\circ}$ ) apsām (TB Poona ed twice †apsväm, text and comm ) vfjñasya gopäm KV VS MS TB
$\$ 781$ There is, finally, at least one variant in which a Tait text (TB) reade suar enntrary to metrical requirements, if it was quoted from sume other text, hlat text has not been discovered The later texte of the eame Tait school, TA and MahānU, write stont tapasargayah (MahānU ${ }^{\circ}$ rsayah ) suvar ('l'B avar) anvavindan TB TA MahánC'
8782 Next we come to three words, all etymologically obscure, in which an apparently older or more regular form in $2 y$ or un (always preceded thy $k$, 1 s this aceideatal'), 18 replaced by $y$ or 1 alnae Most. curous of all, in each case a Talt text han the secondary reading with $y$ or $u$ alone, and in the first of the three thas form seems to he kuown only in the Tait school and to be regularly used there in this particular nurd - despite the abvious inconsistency with the usial Tait tendency Meter puidently has nothang to do with any of these vanations peskmanı godhümaih kuvalaur (TB kvalair) whinn VS MS KS TB Here, to be sure, the form kvalar mahes better meter But this
cannot account for the change, ance the word seema regularly to
appear as kudla in the Tant scbool, and is so writien eg in a prose
Brabmana passage, TS 2535 -The same word in ajo dhūmro na godhümath krualair (TB kvalair) bhesajam VS MS, TB kydimbe atra rohatu RV kyāmbūr atra rohatu (TA jdyauim) AV TA

Here the later texta go counter to the meter by expelling ? kurayah (KSA and pp of MS ${ }^{\text {e }} \mathrm{y}_{1} h$ ) MS KSA kvaynh VS 7S
§789 Of the remanang cases under this heading one coucerns the somewhat doubtful participle samdhuvand, whicb TS substituter (in defiance of meter) for anmilhuing of other texts We tahe it to be morely a phonetic or orthographic variant for samdhuinú, differnug from Whitney, Koots, who quites it under root dhu (dhū)


The other presents a lexical variation involving false word division, see §932, the word bhayah 'from fear', is evolved nut of the case-ending -bhyah (KS, or -bhih AV)

 mänkudnaim MS

## C Suffixal $y$ in noun formatinns, pronounced and sumenmes written $1 y$

§784 Here we include chiefly nouns and adjectives in suffixal ya, but also a few furms in (1)yañ, (i)yar, where the $y$ it treated in the rame way In all genme instances of this varintion, the $y$ follows tro consonants, and was pronounced af a vowel in all texte (the cages hasted $\$ 786$ are different in character) Io practically evers c.ase the wring bya, thoin accord with metrical requirement 4 , is niviously aceondary It occirs almost exclusively in Tant texis The folluwing are the metrical pädas concersed, beginning with the few (i) uanir etemus asmadryak (TS ${ }^{\circ}$ Arıyak) nam mımihu srutionnt KV TS MS KS
asmadryag (TS TB ̈drıyag) tǜrdhe viryäya RV VS TS MS KS SB TB
te päyavoh sadhryañon (TS sadhrıyoñon) ntsadyu IRI TS MS KS mis te mano ensuadryag (TS ${ }^{\circ}$ driyıu) vi cürìt RV TS MS KS ": mucyadhvam aghnyī (TA ApS aghnyū̃) demayāndh VS MS KS SB TA ApS MS
vijam arvatru payo aghnyãsu (TS aghrıyãsu) TS KS
pnyo grhesu payo aqhnyäyam (TB Apś aghnuysisu) AB TB As ApS yad apo aghnyī (TS TB aghniyií) itv (omitted in TS TB MS KS LS )

AV VB TS MS KS 8 B TB AS 68 LS yad ahur aghnyd ata vs SB
ni uram (TS utravad) gavyam asvyam (TS asvyam) ca radhah RV TS
MS KS. Several mes of MS asnyam
sugavyam no vdjt suahryam (TS ${ }^{\text {innyam }}$ ) RV VS TS KSA AS pard dupuapnyam (TB TA ApS MahãnU ${ }^{\circ}$ nıyam) awa RV SV TB

TA aps Kbua Maband
acha devaì ücre dhegnyd (TS dhzon nyä) ye RV VS TS MS KS SB sa budhnyī̄ (TS TB TA budhniyd) upama asya vishah AV SV VS TS

MS KS Sb TB AS SS TA
 AS SS
ahrm budhnyam (TS ©nıyam) anu riyandnäh (MS KS anv £yamanäh,
TS anu samcarantīh) VS TS MS KS SB
 (ApMB natha ${ }^{\circ}$, MG badha ${ }^{\text {² }}$ ) RV ApMB MG
aa yo urg d urenyebhih (TB ${ }^{\circ}$ rizebhih) samokiih RV AB KB TB
tam eadhricir ütayo ursnyünı (TB visnnyänı) RV MS KS TB brhat sdma ksatrabhyd viddhavrsnyam (MS ${ }^{\circ}{ }^{\text {nama }}$, see §315, TS ${ }^{\circ}$ nıyam) TS MS KS AS
8785 There is one cuse of a fulse division resulting in a lexical vanant (cf 8771 )
ya ustryã apyá (SV apr yā) antar asmanah (SV ${ }^{\circ} n z$ ) RV SV The adjectıve apyii, pronounced $a p \imath y a ̈$, is fulsely divided in SV
§786 In reveral varianta suffixal $y$, of various kinds, varies with $\mathfrak{z y}$, that is, the epenthetic vowel is long The forme concern gecondary noun formations in (i)ya aometimes, the rest are elther comparatives in yans tyuns, or denominative participles In some cases the form in iy is shown by the meter as well as hy text hatory to be onginal, that in plan $y$ secnadary, nutc that, most cunourly, one of these secondary forms mithout $i$ occurs in TS I
apo utuinah pavate kariyan (SV $\dagger^{\circ} y{ }^{\circ}{ }^{n}$, TS kavyan) RV SV TS KSA
In SV nom of a comparative atem, in the others, of denominative participles
turlyädtya (VSK turyå) savauntm (RV havo ) ta trdrıyam RV VS V'SK TS MS KS SB
But in others the longer form is secondary, at tumes even unmetncal, and is twice found in Tart texta alone
lam ted aprami hersaan atavyän (TS eviydn) RV SV TS MS KS N Comparatives
samim gayalram nauyarisam (TA raviyđtsam) RV SV MS TA Cumparatives In the next case the meter is ambiguous
deva devebhyo adhuaryanlo (KS adhwariyanlo) asthuh VS TS KS SB onsfim ( ${ }^{\circ} \mathrm{fam}$ ) no abhr ('bhi) vanyo (TS KS vasiyu) nayantu AV TS KS KS MS Here the meter ahowa that $y$ was vocalic, tho the apelling vary" вeems older
yathd no varyasas (TS ©sah, LS vasiyasas) karat VS TS MS KS SB LS
unnetar vasiyn (KS vaxyo) MS KS ApS Prose
namo dundubhyiya cāhananyāya (MS dundubhaye cáhananiyäya) ca VS TS MS KS Prose
pira thsalo 'udryebhyah (KSA $\dagger$ 'mriye ${ }^{\circ}$ ) pakmabhyah swīh TS KSA avira $2 k$ ®̧avah pdryebhyah (KBA piriye ${ }^{\circ}$ ) TS KSA Prose
8787 The following are the prose variants of $y$ a and (short) zya etañ te aghriye ( PB 'ghnye) näminz $\mathrm{\Gamma S}$ PB elf te aghnue namant VS SB MS In the latter form quasi-meter ì pyäyadhuam aghnyd (TS TB ApS aghnıyd) VS TS MS KS SR TB ApS MS
 ahur axi builhnyah (TS ApS budhniy(ih) VS TS MS KS PB SS Aps ahirbuthnya mantrain me pahi MS ahe bulhntiya mantram me gopaya TB ApS
ahor burhnyo (TS ${ }^{\circ}$ niyo) devala TS MS KS
 bulhnydya ca jaghanyaya ca KS
namo agrıyāyu (VS KS 'gryaịn, MS 'grīyina) VS TS MS KS namo vätyãya ca resmyăua (TS ${ }^{\circ} \mathrm{m} \imath$ yãya) ca VS TS KS
namu vidhryī̀ya (MS ${ }^{\circ}$ rıyāya, p p ${ }^{\text {ra }}$ ryāya, TS nama ìdhrıȳ̄ya) catapyilya ca VS TS MS KS
 sightizya ca MS KS
 MS KS Sb TB TA Mahand AS ŚS LS bDh ApS KS MS And amilarly durmitris etc, bee $\$ 315$
 tiroahneyän (MS aśmbhyā̀n tırohnyän) samin

ApS MS
ApS MS

D Stem-final of nouns in 2 or $u$, lonk or short
$\$ 788$ Here again the meter shows that the $y$ or $v$ was in nearly every case pronounced as a vowel, so that the resolution to $1 y$ or $u v$ is in
accord with the pronunciation Yet it is alwaya secondary and as practically lemited to Tat texts The vananta fall naturally into four groups First, monoayllabic (radical) $i$ and $i$ stems In these we expect regularly $2 y$ and $u v$ before vocalic endings in the uncompounded atema, and in compounds after two consonants (Wackernagel III \$591a, 100a), consequently there 19 opportunty for this variation only in compounda after a aingle consonant, where the regular forma ahow $y, v$, but Tait texta (and rarely othera) show $2 y$, uv Second, denvative $\mathfrak{I}$ gtems of the devir type, and very rarely $\bar{u}$ atema in forma that umtate the devi declenaion ( Wackernagel III $\S 97 \mathrm{~d}$, only one such vanant has been noted) Here the only cazes that occur show the vanation after two consunanta Third, genitive-locative duals of short 2 and $u$ stems (bee 6792) Fourih, ügtems of the vikis type, the vanants are practically limited to the one word tanu
$\$ 789$ Monosyllabic (radical) stems in $\bar{i}, \bar{u}$ Most of the variants are metrical, we call attention specifically to the prose ones They nearly all concern compounda of tle stemy dhī, bhü, and $p \bar{u}$ siddhyam (TS ${ }^{\circ}$ dhzyam) jaraayat südnyac ra RV VS TS MS avadhyn (7B odheyo) manasd devayantah RV MS KS AB TB PG
 tam tud vayam audhyo (TB sudhiyo) mayam agne IRV MS KS TB pähi mam yajñanyam (TS TB aneyam) VS TS MS KS SB TB SS vanesu citrum inbhvam (TS vibhuvam) vise vie KV VS TS MS KS SB ubhuve (MS vibhue, KS $\dagger$ nbhave) suahā VS MS KS TB Aps Prose abhibhuve (MS abhibhve, KS abhbbhave) svähā VS MS KS TB Apss Prose
satam yasya rubhvah (SV нubhuvah) вnkam irale RV SV mahisam nah subhuam (AVPpp ms nubhavas, Barret JAOS 3546 subhuvas) hasthedantam AVPpp MS samudram na subhvah svā abhrplayah IV samioulrain me subhuvax tasthiminsam AV Others, see $\$ 119$
ohflena no (MS KS mä) ghrtapeah (TS ${ }^{\circ} p$ uvah) purantu RV AV VS TS MS KS SB According to IInth, AVPpp alan ${ }^{\circ}$ putach devas tod santa punatu unsoh paviretus supvd (ApS supuvē) VS SB ApS devar tuă suvztotpunatu supvotpundmı Kaus Prose
6790 A pecuhar case which may involve lexical reinterpretation of the variant word is the following
arhann udain dayase nssuam abhvam (TA abbhuvam) RV TA The pada occurs in a tristubh verse, and abhvan was undoubledly a diasyllable in RV In TA it is reinterpreted as ab-bh(u) vam 'onginating in water', according to the comm, see $\$ 392$

6791 Denvative $\mathfrak{i}$ and $\bar{u}$ stems of the devi type. The stern-final 19 here always preceded by two consonants, and the $y$ or $u$ has vocalic function in nearly all metncal caases The first is the only case of an il stem
samrajūi fuasruín (ApMB ${ }^{\circ}$ ruvain) bhave RV SMB ApMB On thus form of Wackernagel III p 189, 11
asknyā (TA $\left.{ }^{\circ} n \imath y d\right)$ marudurdhe vilashya IRV TA MahānU N
süro rathnsya raptyah (ArS raptryah, TB 'truah) RV AV Ars kS TB
ubhayor ätnyor (TS ${ }^{\circ} n 2 y o r$ ) jyām Vs TS MS KS
devyo vamryo (VSK mamriyn) VS VSK SB KS Prose drsãno rukma urvyā (RV KS urvyd, MS uruyd) vy adyaut (MS u bhuit IIV VS TS MS KS SB ApMB This adverb is alway, spelled urryyā in RV, the spelling uruyā ( $\$ 743$ ) seems to be perulur to MS, cf next
caksur ma urvyā (MS uruyā, KS urvūa) vi bhähi VS TS MS KS SB Prose Cf prec
apiparo mā rälrıyā (MŚS rātryā) ahno mā pīhı TA ApS MS Also apt mähno rätryaz (rätryaı) etc, eame texts

 by exceptinn the meter favors the unresolved form

rätryaz (TS rātryán) ton TS KS PB Vast
rātryaı ( TA ApS rä̀trıyaı) mñ pūh TA ApS MŚ
ralryą (TS TB rälryaz) svīhi TS MS KS KSA TB
unsuaparya (TS ipsneyá) n.ivathe pari SV VS TS MS KS Kalá Here, by exception, the meter favors the unresolved form samuesayopavesüya gayatryan (TS ApS ${ }^{\text {ctrıỹ̃) }}$ ) TS KS PB SS KS ApS sa gàyatryä (TS TB ${ }^{\circ}$ trıyā) trisfubhī VS TS MS KS SB TB AS Kaú
odyatryal (TS ${ }^{\circ}$ Itryal, MS KS ${ }^{\text {otry }}$ ) gāyatram VS TS MS KS SB mano gāyatryar (TB ApS ${ }^{\text {otrigal })}$ VSK TB KS ApS
§791a The following case is peculisr
unlipti ya (uiliptyā) brhaspute AV (both) In two nearly aljoinnag stanzar, 12444 and 46 , which except for tha change are practically identical Whitney would eruend viliplyd to mhipti ya, but thas is unnecesaary, unhptyais would be a correct genitive forma, depending on abrižydt of pada ce of the vippiz (cow) the non-brahman shall not eat:

8792 Genitive-locative duals of short 2 and $u$ stems On these of Weckernagel III s 22 b , which ws not quite accurate in stating that all teats write -yoh and woh (rather than -iyoh and -uwoh) 'durchweg', the occurrence of the Tait apellinge in the fullowng vananta, at least, seems to have been overlooked As Wackernagel ohserves, the $y$ and $v$ in these forms is regularly vocyicin in RV
indragnyor (TB ApS ${ }^{\circ} \mathrm{gn} \mathrm{m} y$ or) (prose formulas, see Conc) VS TS
MS KS SB KS ApS MS
aydd agner indragnuyos TB aydd indragnyos MS
bahuvor balam TS TAA bahu bähvor balam AV bahvor balarn Valt MS PG
baheor (TS bähuvor) taws hetryah VS TS hetayas tava baihvoh MS ISS palitr didyun naryasya bähvoh (TS báhuvoh) RV TS MS KS ūrvor (TS TAA üruvor) ojah AV TS TAA Vait MS PG

8793 The atem tanu and ats type The only form from another stem than tanu itself is the fem accus sling audruam (from "sudrū, fem to su-dru), which is of course prnnounced sudruvam and is so written in SV - The very numerous cases in which $u \boldsymbol{f}$ for $\mathrm{i}^{1}$ is witten in forms of $\tan \bar{u}$ in Tait tente alone are not listed in full
nemim tapfeva stulruam (SV' sudruvan) HV SV
yasyar bahvis tanuvo tilaprithīh TB yasyā bahvyas tanvo vītopr:thach MS
na dhulumānas tanvī (TS canuvī) repa à dhuh RV TS
lanūe tanvé (TS TAA tanunà) me saha AV TS TAA PG Vart tanūr me tanmī saha MS The AV mes read ${ }^{\circ}$ me sahell antīh or the like, the vulgate presents a violent emendation, abandoned by Whitney in his Transl Properly speaking this passige 18 cadenced prose, rather than verse
sam tokiyna lanuve (SMB tanvaz) syonah TS TB ApS SMB PG Note that PG has the charactenstic epelling of TS from which it here quotes (there is a v l tanvar)
taya nas tanvá (TS Svet $\mathrm{L}^{1}$ tanumii) samtamayí VS TS MS KS SvetU NilarU Here the meter 18 intended for anustubh, and the resolution makes it even worse than the onginal form
lanuirn (TS ApS ApMB HG tanuvam) me pāhz VS TS MS KS AB SB JB SS ApS PG HG ApMB Prose

## E Verbal furms

6794 The materiale here are scatiering and miscellaneous A large gronp containe the participle swina, from du 'press', which is alwayg
wntten thus in RV altho pronounced suana, SV changes the apelling to match the pronunciation
 brhat amn mirdhe studna induh (SV svino adrih) KV SV
soma u sraviruah (SV PB svüº) sotrbhich KV SV PB
mıtrāh subinaá (SV svanā̃) arepazah RV SV
indre suvinessa (SV sväº indawah RV AV SV
© soma suvāno (SV seünu) adribhih RV SV
pant sya suvãn aksüh (to be read aksäh, ef Oldenberg Noten ad loc)
ILV pari nya seino akisarat SV of pari sya sutäno avyayam IVV parl ьuvinas (SV svä) ruksawe devamädanal RV SV
pay suvänāsa (SV suä ${ }^{\circ}$ ) undavah lRV SV


suvüno (SV suano) arsu pavetra à HV SV
suvīno (SV suīnarr) yäth havikratuh RV SV
§795 We have already referred ( $\$ 767$ ) to the Talt apelling ksyant
 of meter
prati kisyantam (TS kyantam) hhuranān visvi RV VS TS MS KS SB

$\$ 796$ Conversely to this, but more in acenrd with the general uage of the schoul, Tait texts show myantu for myintu (runt in) in numernus varianis, conforming to the inelor alway, in those which are metrical samidhn apna dijyasya vymntu (ГВ vugratu) Ms lis TH
uhtam (MS MS aptubhi, KS *arthan) rihīnã nyantu (TV Tils KleG reyantu) vayuh TS MS ISS TH MŚ GG KhG vyantu man 'hlam (VSK ripro) rihanih IS ISk sit KS The commu on both is and 'TS, followed by heath, tahe the verh furin from $v+$ root $?$
vasuvane varudheyasya yortu (TB myantu) is ma hs TB AS sis tyantu (TS myantu) deví humeso ne anya TS MS ISS
 ryante (TB nyazte) ajpasya IS MS KS TB uta grui veynata ( TB myantu) devapatnih hV AV MS T1\} N pibantu madaritu (MS "tīm) vynntu (TR myantu somam) IS MS TB prati mu ìm surabhín vyanth (TS vipantu) RI TS MS KS lekahsalekah vipantu TS sallahsaligah ryantu MS ks
§797 In two prose variants Talt text-, with VSK, read prorperitham for the more regular prormaiå (.bove, §767)
suargena lokenc samprormundthäm Valt suarge loke prornuväthem (MB ${ }^{\circ} \mathrm{tam}, \mathrm{VBK}$ promwathdm) VS VSK MS SB ruvarge (KSA $\dagger$ svarge) loke samprornvāthdm (KSA $\dagger$ "nued") TS KSA TB
ohrtena dydodprthivt prornuodihdm (VSK TS ApS prornudihdm, MS MS $\dagger$ prornuvdlam) VB VSK TB MS SB KS ApS MS vapay d dydoé prornuvdihim Kaus
8798. Finally, we find two cases of forms of the root hū (of the 6th, tud-claga?) with $v$ exchauging with ut The latter are commoner in mont texte
mano nv a huvamahe (Vaut ${ }^{\circ} h 1$, VS SB KS Kaú hrīmahe) RV VS VSK TS MS KS AB SB AS SS Vat LS KS ApS Kaué See VV I $\$ 2$
lam ahve (SV u huve) vajasitaye 1LV SV

## CHAPTER XVII METATHESIS, HAPLOLOGY, AND DITTOLOGY

## 1 Metathess

§799 On metathesis in Sanskit in general see Wackernagel I \$239, and references The cases we have nuted are almuat entirely lexical, but are not without interest as evidence for the extensive operation in the Vedic tradition of thas wide-spread haguiatic phenomenon Even when the metat hetized form gives a different iense, the fact that metathesis has taken place in a repeated formula remans unquestionable and has linguratic impurtance

5800 We begin with metathess of consunants, and firat with a amall yroup in which a single consonant is moved from one place to another pülyãny (ApMB kulpiny) àvapantikā AV Ap.MB Here mss of both texts present both readinge, and the vamation between $l p$ and $l y$ may be conaldered graphic
asmaddätrã devalrā gachata murlhumatīh TS asmadrã̀h (MS KS SS add madhunatī or ${ }^{\circ}{ }^{2} \mathrm{i}$ ) deactrā gachatn (KS garha) VS MS KS SB SS 'The TS 18 doubtleas secondary 'having ua as qivers' ineane 'riven by us' (so Keith tranglates, this ta of course the meaning of the other variant)
ynsyedam à rajn ! yujah AV ArS yanyrilum a tajuh AA yasyerdam oja ärujah SS See \$244
ridram vagnuaü vahuta PB vagnunendram huayata TB Aps
§801 laterchange in position betwcen two adjoming conqonants wecurs a couple of times

 In Mahānd v 1 mänyo for nainyo, and yan ruimne for gatnín me The comm understands 'let that (all) be my (iitmainh ) portion by effurt-no other' TAA conim shys mïmuin = parami!manl yathfyam stri pautram ogham na rodat AG SMB PG ApMU HG yathetham etripautram iuganma rudriyayia MG The latter 14 simply a had corruption onginal, 'that this moman may not weep over harm to her chaldren'
adhin juri (AV atha juvrir, mss jrvin, ApMB athà jīuri) mdatham a tadas: (RV vadithrih) RV AV ApMB See $\$ 544$

8802 More frequent is interchange in poation between two not adjoining consonants
yena turyena brahmanä brharpataye 'pavathds tena mahyam pavarva JB yena rüpena prajāpalaye $\dagger$ 'vaputhās tena mahyarn pavasva KS The onginal 19 'vapathir, as ahown by the preceding formula in KS , trir vasubhyo 'vapathäs etc (see Conc) If the JB reading is correct, it containe metathess of $p$ and $v$, with assmimation to the followng pavasva
mitrāya kulipayān (MS puliknyân) VS MS See 8149, and next näkro makarah kulīpayes (TS kulikayar, MS pulīkayas, KSA pulirayas) te 'küpürasya (KSA $\dagger$ küvarasya) VS TS MS KSA See under prec
svantı nah pultakthequ (MG pathyäkflest, v las RV) yonisu RV AB MG


abaddhani mano durdram caksuh süryo TS KS BDh adubdham mana ıgıram cakfuh (MS adubdhuin cakßur arıştamı munah) nüryo MS SG
gharman incantah (AS ${ }^{\circ} k, S S$ 'tam) pranariesu (AÓ SŚs pranavesu) bibhratah AB AS SS
chandunämīnēm (VSK chandomūnínam, TS ${ }^{\circ}$ mĩnām) sūmrī̀yam pachetı (VSK parhatàd ıt!, MS̉ gached $2 t$ ) VS VSK TS Sb MS
jan cetiul (mes cetid, pprya it it) abhisizath MS ya (TA ApS ApMB yad, rte (PB tyaksule) and abhorisah RV AV SV PB TA KS ApS Mis Kauś GG ApMB See §193
ye no delsanty anu tän rabhasva AV yo no duevilı lanün rabhasun MŚ yo tio diesty anu tam raunsta Aps Here MS transposes the syllables nuta
apa snchitir (SV smihtim) nrmann adhatta (SV adhad rīh, KS $\dagger$ nfmanam adadhram) HV AV SV liS upa stuht tam nimnam (Punna ed nnuh tan nrmanion) athadram TA see 8110 The kis reading looks like a mietat hesie of allhad rüm
agnc dakpath punihi nah (TB mā, MS punimahe) IlV MS TB The MS reading may be a metatheus of that of TB , which is secondary io HV
kam te haranyan sam $u$ santv (ApMB sam u dantv) apah AV Kaus ApM1t Sre $\$ 277$

(PG ruraksztah syäm, MG svaráksūnah, most mes staaürahyanah) AG PG MG Evident corruption in MG
divas (SV divah) prstham adhe testhanti cetasd (SV trohante tejasi) KV SV With cbange of surd $c$ to sonant $j$, of $\dot{8} 57$
väjas ca prusuvas vasus (TS suvas) ca TS KS The eyllables vo-su exchange pobition yielding sumas ( $=$ suar)
§803 When a vowel and an adjoining semtvowel are interchanged, the result, if the vowel is $a$, is a diphthong in one of the furmes These cases are related to $\$ 8747$ and $748 f$ above, $q \mathbf{v}$ The following are instances of $e(=a y, \tilde{a} y)$ varying with $y n, y \bar{a}$
arthuì cu mit emaó (VSK mf yī̀mus, MS ca mĩ ema) ca me VS VSK TS MS KS
 ahai yod dyīvo (AV devā) anınîtm cyan (AV dyan) ILV AV dyur uasóna upa vetu (AV TA yitu) sezah (TA segam) RV AV TA thitam enseam bhevtnam sam eth (AV m yütl) RV AV N Synonymous and related roota : and yū
whorütre ūtungtī̀ (VS 'ischive, TS ahorätrayor orstyī) VS TS MS See $\$ 840$
ıyam pitryī ( AB unt pitre, AS SS patre) rīistry cty (AV GB etu) apre $A V A B$ GB AS Śs
thaydyam eftram vadhyit (USK bai, vS SB badhet) TS Visk TS Ms KS SB (if VVI \$175, and next
đ̄ miñ stutnsyu stutam gamyït (Vaıt gamet) T'S Vaıt ièmì sentrasyn stotram gamyüt PB Spe prec

ghotum evil (BDh qhotam yavã) maithe yavīh BIth ViDh
$\$ 804$ Instances of $n\left(=u v, u u^{\prime}\right)$ and ea, mi
sïmünı cukrist tasurüny otar'e (AV' $n$ ! vitate) RV AV
 (TA ${ }^{\circ} k n\left(n^{-}\right)$TS TA
 quotes Ppp as reading oham ī-, evidently for ujàī̆ Sec $\$ 52$
parı ghranaam mmani (TB parıghrarısa vim maraí) müm vayo gàl (TB güm) KV MS T'B N llad cormupton in TB
6804s A ypecial crise of this interchange involves alternative geditiveublative forms of u-stems, auch nis madtoh madherah Whate this concerns noun inflection mire than phoneticy, we quote the followitg examples here
madhuath (SV mudhoh) pavanta īrmayah RV SV'
madhuah (SV madhoh) pavasua dharaya RV SV
madhoh prbalam aferna V8 MS SB TA LS madhrah etc RV VS AS SS
madhuah (SV madhoh) pibandı gauryah RV SV AV MS
madhos cakdnas carur madaya AV SV madhuas etc AS Ŝs
vanva (TB TA MahānU vasoh) kund vantız nah RV KS TB TA Mahand
\$806 Inatances of $v, v \bar{n}$, and $y u, y r$
achí ma (SV va) indrain matayah svarudah (SV rvaryuvah) RV AV SV GB Valt
adya (also nfrat) krnuhi vintaye (SV ohy utaye) RV SV Cf §743 denter (MS ayukpi) sared onadhich ILV VS TS MS KS
nadya batruri nanu ( SB tna nu) purà vnvise ( SB yuyutise) RV SB nualam (MS KS yuvalam) rhandah VS TS MS KS SB ma le vyomu ( $=$ en yoma or noma, AV yuyoma) samdrsi (AV ${ }^{\circ}$ aah, $\mathrm{LS} \dagger$ "fah or ${ }^{\circ}$ fe) AV AA TA AS LS MG yajnam prarlaya (TS pra suwa) devinyum (TS MS devaguvam) VS TS MS KS SB
deaebhyas tud devinyunam (KS devaivam) prmarmi pte MS KS ApS MS devebhyas tud devãy prāsmann aua prtandisu pra enhsu (TB yutsu) RV TB ukthebhyav trokthóvyam grhriñi KS ukthyebhya ukthyāyuvam Aps varpmi (VS varsıma) ra me draghima (TS draghuya, MS dräghmī, KS droghid) ca me VS TS MS KS See $\$ 764$ TS apparently
has a mutathetized form fur *irighuad
§806 With the folluwing interchanges of ar and rio are to be compared §§656ff In fact the ar forms in the following concern the $r$ vowel, etther directly (as contaming sandhu of $a+r$ ), or as guna derivatives of a root in $T$
lena rädhyásam VS ME SB TB AŚ ApS MS Kaú́ lenardhyaram KS SMB The latter atands for tena $\tau d h^{\circ}$, of $\S 859$
agnau aimridhañ̀m yaje HG yaje sumridhanim aham SB BrhU
AS SMB ApMB ynue (read yaje with minst mss, Hillebrandt
p 250) †tamardham im aham SS
ahd avartim (AV aralim) aendal (AV © duh) syonam AV TB ApMB

## 2 Haplology

$\$ 807$ On this reneral subject see especially Bloomfield, PAOS 16 xxily, AJP 17 418, Wackeruagel I pp 278f, where further references may be found, we may add Lanman in Whitney, AV 45 , and other
references below We shall content ourselves here with merely pnating the variant cases, arranging them in three groups those in which the longer reading seems to be the onginal, so that we may ansime haplology, those in which it neems to be secondary, involving dittology, and those in wluch thi question of onginality is too uncertan to make clasafication advisable
sBOB. The following are the cases which seem to involve buplology prthzen unbhūvarz (ApS bhüvari) KS ApS Thus 18 a very clear case On the at rength of the isolated ApS form Boehthagk (pw 6 304) act. up a goddeas Phinvari, who is notheng but a ghost, the ahade of the adjective $m b h u \bar{u}$ ari after $p$ thevi
 mikuvisiah pravistuinsum inahe AV Lamman, in Whutney's Tiaubl, has already suggested that the lack of reduphication in due th haplology But it miay be noted that it improves the meter, also ya dite yas rat caratz (AV yas carati) RV AV The haplology as agan noted by Lanman
trinz padani ('TA Mahand' padē) uhità guhánya (TA Mahân U puhä̃u) AV VS TA MahānU The ms of Ppp pudānzhalit fuhuis-, em Harret JAOS 30195 to the AVS roadong Clear haplolouy ıu I'A MahānU
agne 'dabithăyo 'Eitatano ('xirtatano, 'süama) pothe , see §. 353 yanı künt ra cakrman (ApS mıs omit ca, by haplology) MS Ap今̂ of
 (herc not. really haplology, cu 18 needed only after kiant)
 MS KS SB NilarL ApMB Supposed to be metncal even in MS, which is clearly haplological In the sume verse ye vamitesu (MS $\dagger \mathrm{KS}$ ye 'untesu) serate, eame texts Herc the shorter version can be read metncally by pronouncing avatesi, but is nevertheless certanly haplological
 ŚB TA cf espā le agru: sumal tayā (MŚ tayã tuam) vardhusva cū ca pyityoure VG $\operatorname{SB}$ GS MS ApS SG ApMR ApG HG The serond ca 15 clearly required
ynd ana kı" ra prahagrahäham (TA Ongriham) AV TA The TA form (alao found in Ponna ed ) is indefensible formally and inetrically, and is obviously haplological
nyag vito 'ra mitt (AV mito viti) RV AV Lanman notea the haplology yuyuyätüm ito rapo upa sridhah RV yüyutäm armad rapo apa studhah TB Aps The lops of a syllable leaves ats trace in the long $\bar{u}$
anhomuce pra bharemā (AV bhare) manisidm AV TS MS KS See VV I p 263
aradhrsta aparyo vasindh VS MS KS SB antbhrsta apaayuvo vasdranh TS See Keth on TS
chandonamanam (VSK $\left.{ }^{\circ} m i n a n a m, ~ T S ~{ }^{\circ} m a n i m\right)$ admräjyain guchetz (with vanante) VS VSK TS SB MS 'Lordahp of the meters' names' or cuen of thes 'meacures' (on VSK see 8802) is better than 'of the Cbandomas', a ntualiatic abp
yad †apsarndrūr uparasya (ApS apsararūparasya) khädutz KS ApS The latter corrupt
ouhī hitam nihitäm (KS $\dagger$ omita $n z^{\circ}$ ) gahvaregu KS MS
namah kamgave ( $T S \dagger$ samgdya, for ${ }^{\circ}$ gaydyan) VS TS MS KS See $\$ 250$
yasyodam a rajo yujah AV ArS yneyedam ā rajah AA Otbere, see $\$ 244$
 lhuturas vicaste AV
parīdam tajy ajınam (PG ${ }^{\circ} \mathrm{llam}$ vãjınım) dadhe 'hum (HG ajinum dhatstasau) SG PG HG ApMB The PG is not construable lyo no agne mistyo yo 'nisiyu KS ApS' Conc quotes ApS ay omitting the aecond $y o$, a modern haplology'l
§809 The followng cases are lesq certan
mama ca näma tare ca (KS ouce omite ca) jhlavedah KS (both) Tbe reading with ca 18 prose, the other metncal, this inay account for the change, omitting $c a$ (before $j \bar{a}-$ )
 jürvan) Whitney suggents visuū nıjūrvan for RV, Lanman,
 points out, this would makc poor meter for a second päda, he would read 3 ürunn
suvan nabhrid anghare bambhīre MS sudna bhrajañghare bambhare IS TS SB swana bhrāt, anghärtr bambhärth TA svan nabhrád anghüre bambhäre KS See Keith on TS 127 I, he suggests suäna nabhrüj an the onginal

## 3 Dittology

$\$ 810$ The followng vanants contan the reverse of the preceding, in that the shorter version seems to be the onginal, and dittological influence has produced the varnation kuhūnanandm (KS kühaniñm, MS pülnnaindm) tiñ VS MS KS §B Lotanasu TS Note double dittology in VS SB
namb babhlubaya vyädhine (TS unvi( ${ }^{\circ}$ ) VS TS MS KS Fither form makes good sense, we assume that the majority have the onginal athem enam pra hanutut putrbhyah (AV †putīnr upa), and athem enam (AV athemam enami) pari daltät pulthhyah RV AV TA See Whitney on AV 1824,5 There 18 no doubt of the ditiology in AV (note the meter), in 1825 it meems textually certan, being read by nearly all mas and both editions In 1824 there iz more variation in the mss, and SPP reads athem enam with the comm
devā (AV detā vā) etasydm auadanta pürve RV AV The meter provis AV secondary, and Ppp (Barret, JAOS 42 127) also omits mü( $)$
 -saya are hoth unexceptionable, prohably the majonty indicate the onginal
ra sim adeva úpat (SV ūp hat) RV SV SS The RV has an aorist of aip, to be read as a tnasyllable SV tries to improve the meter, cf VVIp 138
nertum narjarjalperue (MS nirjalpena, TS nıraimakena, Ks mar-jalmuika-) sir $r_{i n i}$ VS TS MS KS Ubseure word, VS simulates an intensive from julf
ye te agna (MS agnä) indato yā и näbhayah (TA urnumëbhayah, but Poonn ed $u n \ddot{u}^{3}$ with $v 1$ urnunüa ${ }^{\circ}$ ) MS KS TA The ubyurd corruption of some TA mes seems to be real hy the comm nlso, perhaps it was influenared by thought of urranäbhe 'rpider', hint this would be as inappropnate mat possible here
anhuepatyäy (VS ŚB KS anhncaspuaye) tui VS TS MS SR TB KS ApS Stem varyng with gentive case form in emmposition flur janatri tasyáapas (GB apasas) parı RV' GB If GB in correct It attempte to unprove the meter and at the sume time furialis a forms which can be governed by parz (in IRY apas 19 governed liy ob verh in the next püda, and pari governs tanyäh) But Gidstra reade apas, with v 1 apasas
tanūpās (TB Poona ed text and comm tanürapãr) ran sarastatī V'S KS TB See $\delta 195$
tur anmal sapta dhenava duduhre (SV Svidh ©hrire) RV SV Svilh See VV Ip 170
$v_{\text {Isā }}$ pantre adhr sāno avye (HV *avyaye) HV (buth) SV TA Mahñl' N Both avya and avyaya (from avya? or avi') are well known, and both are metncally possible, they are tnstubh and jagati forms of the same expression But the latter occurs in a verse
(9 86 3) which seems to be a patcbwork of older materials (RVRep 453), so that avye 18 probably original
djım nes girvavaho jupyur aforih SV ajem na jagmur gervaho afuath RV
For metrical reasona Grassmann considera SV the onginal Aganst thes Oldenberg, Nuten on 6246 The SV form is unque, the other familiar, and Grassmann'a suggestion is unlukely
8811 Vaguer dittolonies seem involved in the following nedhedhas pruruspirham (во KS and TB Poona ed, and pp of MS, MS text purzyaapärham) yafasvat MS KS † TB † lato vakd (TS tatah pduakí) abiọo no jurantian VS TS MS KS SB 'Holy words and prayers' or 'punfyng prayers', TS spoils the meter Inttology with $p$ for $v$
tena yo 'mat (TA * lenanyo 'mat) samprhätar (MS mss aumplajtīm) MS TA The vanation ia dehberate and intelligent, and scarcely belongs here TA repeatia a verse in successive stanzas, with this purporeful change, the firat veraion minana 'whopver compa hganas. us therewith', the accond 'whoever eles' etc
ındrāpāsya (v l 1 'yārya) phalıgam ApMB indrāyayāsya éepham altkum HG Kirste, 'генd indra āyasya'

## 4 Haplology or Dittology

$\$ 812$ In a annaller group we find either haplology or ditioluky, but it is not certain which, because the onginal form of the varianta whard to determine Several of these contain variations bet ween the accusative personal pronouns máa and maim
Uyur brhat tad astyatan mivatu (MS' mim amatu) ApS MŚ
Lan minm àvit TA TU unn muit MG
can mavatu PB TA TU ApS tan mim avatu MS AG MG punar mim aré (AV Vart Kaus matv) indrignm AV SB TA BrhU SS Vat AG Kans SMB GG HG MG
§813 Other, macellaneous caura
 jith While the majonty agree on the longer form, this 18 hardly concluave KS is probably un the whole the most oniginal YV text, only two other achools differ from it, and jut is a much cominoner atem than gityā, which latter seema to be found only in composition with vijan and $\sigma_{j}$
Sısırdya vikakurón (KSA $\dagger$ vikarín, Apsi mkirän, vv ll vikakarán, inhikirän) V'S KS ApSi Origunal form and precise meaning unhnown (enemingly some biri) Cf the preceding formula, hemantäya hakarän (KS.A † kakiriän)
anebann asya yd zquenh (TS KS NilarU asyeparah) VS TS MS K8 Nilar U The presence or absence of the articular relative makea ittle difference, and the meter is no better in one reading than in the other
bharalam weddharem unuszīca (MS widharema venumantz) TB ApS MS See §236, end Either haplology in TB ApS, or dittology in M8 which is in any cuse corrupt, with $v$ for $m$
anu no marsfu (VS TS SB TA anu margfu) tanvo yad uncistam (mla ${ }^{\circ}$ ) AV VS TS MS KS SB TA $8 S$

## CHAPTER XVIII FALSE DIVISIONS AND PATCH-WORDS

§814 Except for Sandh, to be treated in our final chapter, we have now concluded what may be called phonetic vanants in the atnct sense In this chapter we shall deal chicfly with vanants involving different divisions of words It may be questiunable whether they belong strictly in this volume Yet they certanly deserve mention, as revealing, perhaps as well as any other groups of vanants, the general break-down of sound and sense alike in the V'cdic tradition (see §16) There sceins no better place than this volume to present these matenala, which do not exhaust the aubject but allustrate the man types sufficiently

1 A compound word divided, or vice versa, without further change
§815 In a conaiderable number of casi's the difference between the vanant worde cousists eulely in this, that what in one furm of the vanant. is a anngle compound word appeara in the other as two separate words Therr being no change in the form of pither part, we can sonetumes tell only by the accenta whether one word or two is intended, and sometimes, indecd, we can not tell at all with confidence At other tumes oflier changes in the formulus nuggest a reinterpretation
gal6 We begin aith cases in ahich the onginal and true form of the variant has one word, the apparation into tru being secondary, and sometimicy uninterpretable jagama süro adhvante bmadhyam (AV ez madhynm) HV AV Whutney nghitly anys that the AV reading is a corruption of the other
 hanuh hizgin, kniyobhyöm VS The VS reading is very ponr and perhaps should be emended
yatheyam strì pautram aghan na rodät SMH PG ApMB HG yathedam stripautram aganma nednyīya MG See $\$ 801$
aghorughurntarebhyá ca MS ghora ghoratnrebhyah TA MahănU Preceded by aghorebhyo 'tha yhorebhyah The furmas of lludra are meant The tradition $1 s$ unstable One me of MS hay two accenta, hut MS pp takes it as nae word, which seema likely to be onginal TA has two aceents, yet its cumm underseands one word, 'more ternble than the ternble', and Poona ed printa it so (but with two accental) Comm on MahànU, however, takes phora us a separate vocative, addressed to Rudra
manasaspala imam deva yajñm ( KS devayajnam suîhni vīra) suāhē wâle dhath VS KS SB The variants in AV 7978 and TS I 113 3, 444 3, have devesu yajnam, which supporta KS in meaning The zeparate deve yajnam 15 secondary, if indeed it is really the intention of the texts (socomm on VS, but the accentleze voc 19 indistinguishable from deta- as part of a cpd)

 TA KS SS The $\mathrm{S}^{\prime} \mathrm{S}$ is uninterpretable.
§817 In the rest it seems more likely that the form with two worda is original, alt ho in some of them there is little to choose yajur yuktam (1'A $\dagger$ yajuryukhem) sämabher nktakhain tuí (MS rhtahamla) MS TA Comm on TA, 'provided with the yajus' In MS two accents 'the yajui 19 joincal' or the like madhu saspair (MS madhukiasparr) na leja mudrayam VS MS TB In either case the word mailhu is a quasi-adjective, inotifying either the preceding bhesajum, or saypuar MS pp divides madhu saspatr an two worils, Poons ed of TB prints it as one, but with two accents' (and against the comm)
madhu hatir (MS madhuhatir) asz MS TA ApS MS So according to the accente of MS and TA Probably MS must be read madhuhaver like MS , Knauer eeparates the worla because of the parallel hutam havir in MS 4 3 34, but MS alan reade hutam haint in its version of that passage and follows it immediately with madhuhaver, as one word Cf prec
detabarhih (KS deva burht!) satautlyam vi rohas TS KS TB ApS aths tiam deva vanaspale satavalin (MS tvam barhih satavaliam) viroha VS MS SB The latter version auggeats taking deva barhih as two words, as von Schroeder does in KS The words are voc, so that the accent provea nothing, TS pp takes it as one word But Poona ed of TB prints it av two
anivarala vo hi kam (TS hikam, ao prınted also un KS †) AV TS MS KS Comm on AV (as alao that on TS ) as a eingle, compound particle upa prakse (AA SS upaprakst) madhumat, ksiyantah SV AA SS Svidh This 18 hard to interpret, whether as one word or as two For vanous gupsees that have been made see Keith, af Tranal, p 285 n 7 Keith's text of AA pnnte upa prakpe with most mase, but against comm, who underatanda upaprakie as a prepoaitional epd, 'near the prakja' Cf also the infinitive (?) upaprakge, RV 5476
namas te rudra rüpebhyo namah MS namas te astu rudrarūpebhyah TA Mahand 'Homage to thee, 0 Rudra! to (thy) forms homage' 'humage be to thy Rudra-forms (terrible forms)'
 bhepajd) VS TS MS KS There is no difference in the meaning. Whether the adverb be taken as compounded with the next word or not
devth (AV dawiht, KS trayis) sad urir (TS pp saduruïh, and so Conc asrumes for ApMB HG) uru wah (TS ApMB nah, KS $\dagger$ nas) krrola ILV AV TS KS ApMB HG The words are voc and there are no accents RV and AV p $p$ interpret as two words, which seems more natural No doubt all texts except possibly the Tait school separate sad urvir
 Aps MS See $\S 147$, and $\S 838$ MS pp divides deva from punas (which it reads by error fur puraf)
ımam ou navam aruham TS KS ApS sumivam ä ruheyam VS (pratika PG )
pra su (HG na, reud ou) mrlyum (SMB sumartyam) yuyotana SMB ApMB HG The reading of ApMB 18 onginal
apa (AV ava) sueta padà jahi AV AG SG PG ApMB HG apah stelapad a gahe MG Hpad apua sureta padá in MG, there is no good ground for hanuer's editing of the text See his note and comin, and our $\$ 134$

2 A compound word divided, or vice versa, with change of formi in the pror member
8818 Next we come to cases in which the pnor part of what is a mompound word in one form of the variant appeare in the other with somewhat altered furm Agan we begio mith the vanants in which it appears that the onginal form contamed a compound, which is broken up in secondary texts
stomatrayantrinte bhuvananua patnz TS KS AS stoman trayastrinse bhumanasya patni MS The latter corruptly turns the vocs into noms, spparently makink stomas aubject and patnī predicate, despite the divergence in gender
เঠйmana.lcahsuhtrutrajıhuđghränarclobuddhydkülısamkalpi (TA TAA

sariram yajriavamalam (MahänU yajūah $8 a^{\circ}$ ) kuaidam tarmin sidatu yo 'smand dursh TS Kisa TA MahănU The latter is clearly second-
ary, comm makes saritam yajriah a sentence, 'the sacrifice is the body' On the interpretation of the onginal, which is troublesome, see Ketth on TS
paur dhenubhavyā (HG dhenur bhavya) ApMB HG The meanng 18 the sarne, 'that 18 to become a mulch cow', but the compound dhenubhavya aeems to be the atandard expression
tam indyam brahmayonim svarūpam (VaradapU brahmuyonesva${ }^{\circ}$ ) NipU VaradapU 'The identical womb of brahruan', or 'which 19 identicul with the womb of brahman', either is possible
adhrytam dhrpuyojasam (SV dhrsnum njasa) KV AV SV 'Of ırresistihle strength' 'irreastible in atrength'
mithucarantarn (KS mithü ${ }^{\circ}$, TS methus car ${ }^{\circ}$, AV methuyā car ${ }^{\circ}$ ) upayatz (AV abhıyätı) dūsıyan AV TS MS KS There 18 really no way of deciding the onginal
agrer (TS devä̃ūm) agreyõny (K'S agnıyãty) a.n TS MS KS One me and ppof MS agner ngner yäny ası Cf agner yiny ass TS MS KS ApS MS Sec $\$ 3.37$
derajüle muasianı àdatya te no deväh MS masmãn aditar devajütıs te na âdityā TS dito juote (and, jyoter) mvasea äditya te no dever KS Both parts of the epd are changed to different, tho guasi-eymonymous, words
yond mimaterammadah (TS ínei murah) TS MS KS The TS unay be onginal, as it certanly seems simpler and more natural 'kiadly enter into nic as food and drink' But it is probably a lect fae for the other 'kindly enter into me as Irammada (Agni, hahtming?)'
 sccondary but intelligihle, $\{641$
 ApS mélasmàd deva AV MS The LS is ecenadary but acnsuhle, 8402
 tüparäh TS KSA Cone quotes LiSA as avntrīh auurāh) |anyavratasya (TA anyadira ${ }^{\circ}$, printed by Cone as anyad ira ${ }^{\circ}$, the accent proves that it is a epd, tho the comm secms to take it as two words) safictma (llV saścire, TA sarcimah, Pornna ed omes) llV VS MS SB TAl
§819 In the folloning, on the other hand, it aecmis inure likely that the vermon with two separate worde is the onginal wräh yajriam manasah (KS 23 ynjnamanaxah) IS MS KS †2 3 and

23 5, SB ApS KS MS A verb like a rabhe is understood, the accus $y$ ajrum 18 necessary to the sense, and KS 23 should be so corrected In 235 KS has correctly yajriam ma ${ }^{\circ}$ (not noted in Conc ) '(I take) sacnfice from mind '
mayadhah prunkcalī kıtavah klibo '\{üdrā abrahmands (VSK punscall klivah kinvo 'suidribruhmanaz) te prajipalyah VS VSK
salakgurah chandasinnuplubhena Aps fatīharachardasa jagatena Kaus In Kalif $\vee 1$ kntakfarah The onginal reading of Aps (ci §511) mahes the adjective agree with ayam nowo preceding, with change to fatia $^{\circ}$, having a totally different meaning, it is drawn into compontion with chanda*a
 varam velma") TA Mahand The Poona ed nf TA reads $\boldsymbol{n}^{2}$ pipmam vara ${ }^{\circ}$, with v 1 impapmarara ${ }^{\circ}$ MahãuU also has 1 raraveama The minat plausthle original seems to be dahram inpapmam raravekmabhütam This is atybatically better than otuipuatura ${ }^{\circ}$, an awkwaril compnund
dadhad ratnam (AS ratnä) dahiam putrbhya (AS SS dakyaprti) ayını (AV तyünpi) AV AS SS Doubtless AV is nmenal The eduion of AS aeparatep dakga from $p_{i}{ }^{\circ}$, evidently regarding it as a voc
 paterin mituri PG Spr note in oldanberg's Tranalation of HG ablond (AV comm asro ${ }^{\circ}$ ) añgàr (TA ${ }^{\circ}$ nängaır) ahruläh ( TA ahrtī, Pnona ed ahrudich, v $1{ }^{\circ}(\bar{i})$ seurge AV TA 'Not lame in their limbs', or 'with not-lamie limbs' AVPpp agrees with TA, but. this is the hind of error that accure very commonly in Ppp, meter indicates that the other versinn as onginal
rulra yut te krayī (VS KS krim, V'Sk kravi, MS MS pirt-) param nimatasmai (VS MS SB tamin) hudam art VS VSK TS MS KS SR TH Aps Ms Se $\$ 47$
yasya (ApMA iy axya) yonım pratı relo (SG putıreto) grhāna (SG grohaya) SG ApMB HG palireto looks like a spenndary adaptalum, tho a very natural one
sad ul ynma (TA sad udyama) payo dewad ut HV AV TA N Apparently TA must understand udyamà as an adjective

3 A compound word dividrd, or vice verss, with change of form in the second gernber
$\$ 820$ In other casea the form of the vanant containing two separate worda shows a change in the form of the second member (sometimen
in the firat one too) when compared with the form contanning a compound The second member of the compound, when used us a separate word, has a different inflectional ending, or 18 otherwise changed in form, sometimes it even appears as a different part of apeech (a verb) We begin as before with those vanants in which the onginal form seems to he that containing a compound word
rrsledyämánam (ApS trifim devanam) amplam ruarndam MS KS ApS
The onginal of MS KS means 'ncctar of the dwellers in the rannaky, heaven-findıng', the ancnfice is referred to In ApS by a lect fac the aacnfice 18 called 'rann, nectar of the goda', ete
parü sunpmamukhäh surah AV parah nvapna mukhā krdhz KS 'Awsy the drcam-faccd pans' 'uway, $O$ sleep, put (thy) faces (appcarances)' But KS may intend a compound
indräsū̄rā janayan visuakarmā TB indrah sürah prathamn nisuakarma AS Comnı on TH lahcs itulrí sürd as two words (and they are so pointed in Poona rd), interpreting us noms ang But they must aurely he ace dual of a devata dvandva, object of janayan The whole verse is pretiy low hathor AS has a lect fac bhumanam asz sahasrapoỹapıšt (Apś sahasvapusam puya) MS ApS 'Thon art uromind prospering with thuuanad-foin prospenty' 'prosper thou with thousand-fold prosperity' Verb form introduced secondarily, of next
agne thīmkāmayà (SV tuīm hanmaỵ) grrī RV SV VS The onginal meane 't) Agm, with ther-desinug anng' By a lect fac SV introdinere a veris) furm, af in the preceding aud next '(PAgm, I deyme ther with ming'
revat2 predhì , re"alz yajamäne priyam dhā , retuatir yajnaputim pruyadhämsata, вec $\$ 747$
 SS MS 'Make him one whore enemies are remote,' AV, doubtless onginal 'make [his] enemicy remote,' lect fac The AV comm stumbles over the form and underatands two words
 MS TB TA ugranipubye ugrajtius lad udya AV In this and the next MS 18 hopelesaly corrupt, note accenta
ugrampasye (MS ugram pa.nyéd) rūssrabhrt kzlbzsīnz AV MS TA Cf prec
Beannisūnh hrtavasn mayobhün IRV AV TS MS KSA N dsann eyam ap ruvihs mayobhün SV The latter musunderstands and amplifies the strange cpd ásann-1̧̧ūn 'hanng arrows in the mouth' SV means 'carrying water in their mouths'
mama padydya un raja ApMB mayn dohah padyayai virijah (MG sdds kalpalam) AG HG MG mayn padyäyar virajo dohah SS SG PG The onginal is urdjah, gen of urdj
[mebhayamkarazi mamn AV subhigam karanan mama SMB But Jorgensen properly prints SMB oubhagamkaranam, as one word]
8821 In the reat it appears that the form of the varant with two words is the onginal
sarüpa urpann a gahi SV JB narizpavargd ehi MS In the latter nom of stem sarupavarga (with sandhl peculiar to MS) The other texta, mont likely onginal, have two vocatives
pari ghrantoam omand (TB parighrutusn vinm manai) vïm vayo gat (TB gdm) IlV MS TB N Hopeless corruption in TB See $\$ 828$ agiur huld pithivy anlariksam AS ApS ugnihotram pritheimantariksam M5 The latter has a carelesa assimiation to the act:usatives of the preceding parda ukham staunntion ugadion akarma
part dopad udarpithah KS partlogat tad arpitha ApS See §63
ma rudrubiso abhz gulbadhänach (TA gur vidhānah) MS TA má no rudrien adhigur vadhe nu (mss nuh) MS See $\$ \mathrm{~S}_{\mathrm{i}} 209,260, \mathrm{MS}$ has a grose corruption
sahowndharam irsabham divn duhuh (SV divoduham) HV SV V'erb form in RV 'the thousand-rtreamed bull of heaven they milhed' SY' 'the thousand-streamed heaven-milking bull'
uror 1 no (VS SB LS pururainto) dewn nąn pihi VS TS MS KS SB TB Ls Sce §.371a

4 Last syllable of a word, not a compuund, replaced by a putch-word, or vice versa
8822 In nut a few casea the last syllable of a word (not an independent member of a compound) ia replaced in a secondary text by a separate word, generally a light word (preposition, partiele, or pronoun), which ruay be called a 'patch-word' ('Fhckwort'), or the reverse The cabea recorded here differ from those ancluded in the separate sections ( $\mathbf{8} 5941$-850) on Patch-Wurds below only in that the degre of phnnetic respinblance is here greater, there is no hard and fast line between then

5823 Since the change in both directions is quite common, it is at timiss hard to tell, unless on the ground of general text-chronology, which form of the vanant is the more urizinal In the followng cases we do not venture to decide this question
apsarandv ana dallim mañi (AV mam nah) AV TB TA apsaravim anudattingioni MS (ppanu, dalldni, mani) Either the plur frim, or the sing rnam with the pronoun nah, is quite satusfactory
vralatiz (MS TB ApS uralā nu) bibhrad uralape adubdhah (TB ApS SS SG addbhyah) MS AB TB AS SS ApS SG In MS etc the older or hieratic form urall is patched by the particle $\boldsymbol{n} \boldsymbol{u}$, in the other the alternative form vratann 18 used
 incomprehensible
§824 In the following the form of the vanant with the lnager word seems to be the ongnal, being replaced in a secondary version by $\boldsymbol{r}$ shorter word plus a patch-word Here may be mentioned RV 420 9b (alao in KS , where there is no evidence ay to the division intended), yay of Oldenberg, Noten ad loc
 ApS MS mā jämım mosir amuyá saydndm AV Acc to AV comm the darbha-grays used in atrewing the vedi 19 addreased, amuyā is adverbial The MS variant makes sayāna refer to jamim, conjectured by Ludwig and Henry to niean the uttaravedi, so that in general sense it. ngrees
gaurir (AV gaur in, TB TA gaurí) mımiya nalılānı takұati HV AV TB AA TA N
dhruedisah (TB ApS dhrumí hn) parvati ime RV AV KS TB ApS SMA MG
 TS MS KS SB
mi nudrigíso abhe gulbadhinah (T'A obr vrilhinah) MS TA mi no rudriso adhigur andhe nu (mes nuh) MS Altho the MS reading is by all ineana the moat reasonable, it is probably only a lect fac TA accents wrongly urdhi'nah, and its coninu takes the apparently uninterpretable aıngular quite calmly as a plural (varihaminah)' Cf $\$ 821$
yo rayivo (SV rayim вo) rayınlamah RV SV KB SS SG UHDh Benfey ignores the uninterpretahle vo in his tranalation, taking rayum as accus of apectication
 See $\S_{740}$
 HG See prec
abhūr grıfindm (ApMB āpñàm, HG âpinam, AV nuss *v âpīnàm, em wrongly vakünäm) abhisanhipien (AV ${ }^{\circ} p a \bar{a} u$ ) AV HG ApMB See prec but one
 SV misunderstands and misdivides the epithet apyd 'of the waters' achsyam etı (KS ${ }^{0}$ yam yantı) savand ghrtena (AV ghtla cul, KS ghylacth) AV V'S TS MS KS The AV reading looke eecondary to that of KS, which has an adjective agreeng with arucah, the subject of yanti, ohitd can only be conatrued as an accua of goal after eli, whose subject 18 Agn!
diunt cul antad (RV antän) upamam (RV ${ }^{\circ} m a n, T A ~ u p a ~ m a ̈ m, ~ s o ~ A V ~$ $v 1$ adopted by Whitney, and comm) ud anal RV SV AV TA While KV at of courae onginal, the AV TA reading 18 not bad 'even from the end of heaven he has attained unto mee' This should doubtlese be read in SV
\& brahmalokę̨u (TA ${ }^{\text {Cluke tu) parantakäle TA MahānU MundU }}$ KasvU
mpramya dhàrnyá kav̌h IRV urprah an dhärayü sutah SV See $\$ 189$
somah nidnaya madhuah KV somah sutah sn mudhumán SV See §189 ra vai suetasyadhyäcīre (AG suetns rä̈bhyägāre, others all suetasyña) AG PG ApMB HG MG Secondary but intellipible reading in AG , вce §188
ubhūv indrí (SB indro) udithah müryas ra VS SiB ayu(h)sthünam

ürvam garyam paripadanto ugman lRV KS urvim gavyăm parıadam no akran AV
aganma yatra pratıranta (MG protaram ma) bimh RV AV MG
sugantuh karma kiranah karısyan JB sugam t'ah karmah karanuh karah haramyuh LS See $\$ 779$
apa snehtio (SV' snihitem) urmaria adhatta (SV alhad rihh, KS †nfmanèm adadhróm) RV AV SV KS upa stuhi tam nrmıím athadrüm (Poonhed vanes) TA
sam takion hanti rahri wah (HG cakrinah) ApMl3 HG Very obscure passagc, HG seems to appruach closer to a senatble reading
Tlena (MG The 'ru) sthünim ( ${ }^{\circ} n a v,{ }^{\circ} r$ rd) adhe roha vansa (MG mankah) AV AG ApMB HG MG Kans Knauer mays 'wohl nucht rtd iva', yet that would seem to guve better sense than the ava In any case MG 1a secondary
sran'aj (AV suar yaj) syotir abhayam ovawh HV AV
grómyamaīkiradớsahuu ApS grāmyam mañgìradísakau MS vydghram maigíradōac gauh Vaıt Ser $\$ 49$
§825 In verbal endings (cf $\$ 827$ )
scash riye marato didhëtana (MG dadhatu nah) RV KS AB MG See VV' Ip 281
pra su (HG sa) mrtyum (SMB sumarlyam, MG prathamam artım) yuyotana (MG yryotu nah) SMB ApMB HG MG
vispum tu twähutayah sarva PrūnăgU msuantu tviàm ühutagab ca MU Read vzsantu, see §371
knyminte (TB priyai ta, so divide) à barhzh sîda ILV AV KS TB
 †vanıjan na, AV samisan na) mirve (AV KS etat) IRV AV TS KS
 jivan AV SMB ApMB HG Cf VV Ip 96
giltuvedo nuya hy (read ruyday?) erum sukthīm yatra lokah JB jatanedo vahemam ( $\$ S$ vahasvanum) sukrtain TA SS
§826 In the rest it seems that the form contaming two words is the older, is zecondary veraion jouns a ahurt word on to the preceding word, usually with some further change
samudreria (and $\left.{ }^{\circ} d r e n a\right)$ Enulhavo pidaminaih RV (both) Read simmulre na to both, Blonnfield, JAOS $2777 \mathrm{ff}, \mathrm{KV}$ Rep 197, Uldenberg, Noten on $3 \quad 367$
treytu adre ma (MS indrena) bheyajam VS MS TB Bathoa in either case, but MS pp indire, nn YS comm anys that na means ra' spardhante dheyıh (ilevah) sürye na (SV süre na, TS KSA $\dagger$ süryena) máah IVV SV TS KSA Change to instr in T'S KSA because thas is the case naturally construed with sparilh-
nela mänse na pïbasl aV nama mänsena pī̀ari PG na mĩuseṣa na snälums ApMB Perhaps PG should be divided minse na, at least this is the uriginal reading
 yutre indro ganesu MS 'This Indra the joiner of battle' 'Indra in the joned battles'
 MahānU Pronoun arya replaced by loc ending -otu mäleva putram bibhrtī av (VS SH ${ }^{\circ}$ hīpsu) enal (TS KS enamı) VS TS MS KS SB The vpree is addressed to waters, hence the secondary reading ap.su
1dam aham rakyn 'bh2 (MS *rakyobhıh) aam ūhìmı (TS sam duhiumı) TS MS (bıs) KS MS See $\$ 353$
ùvat lum (TA Couc prdvarlam, comin and Pouna ed text àvarthm) indrah bacyd dhamantami RV AV SV KS TA The sule ms of KS also reads divartam (ed emends) TA comin interprets as a gerund (diftya)
samid difom dfayd nat (MS didydinh) suarent (TS owari) TS MS

KS AS ApS Both accent and sense ahow that no pres mid pple (masc) can be intended, altho MS pp does not dinde the word
yaja no (MS ydjano) devo (TB AS ApS deven) ajarah swirah MS TB AS ApS bhowd no dưlo ajarah suñah SS SG Again (cf prec) the accent shown that MS pp 18 wrong in not diving the word, tho this tume the participle would be interpretable
in cu natan na iso ardtayah RV in ad atrand eqayo ardtayah 8 V
Benfey renders SV 'devoured' (root ob 'cat', middle pple in pasaive sense) It is a Verballhornung, the onk itself is rather obacure, in-nad in peculiarly used
yalo bhayam abhayam lan (KS 35 1c †nbhayatvam) no astu (AV ed ant, mispnnt) AV KS * TB ApS MS
ımam indra vardhaya ksatryymm me (TB kyatrıañam) AV TH Kaus
 by deve yajarde havis ghtena ' O V and V , let the 'godz' (TB commi Nevjah) ascrifice to yout wo as protecturs from imprecation' cte The vanant form must be dual, and as MS can be ao interpreted only by understanding it in a bizarre way (atem ${ }^{\circ}$ päva, or irrgularly from ${ }^{\circ}$ pavan), we assume that TB as ong
brhoopataye (MS ${ }^{\circ}$ prate) mahisil (TS mahz sad) dyumun mamah AV TS MS Conm on AV agrece with TS, which has the correct reading are E192
drlum ere rhiksón a márga eva AV datum cec chakruman*ah (en, with double uccent, Calc ed) suarga essm TA Fur the latter read chakndudn (or better ${ }^{\circ} v a ́ n$ ) sd́ with Puona ed, see VV I p 165
purastat (AB puras tuin) narve kurmahe AR SK Sme §ishis
sumetrah snma no (KauA sumano) bhavi HV TS MS KS sB KS Kaus
stomo yajñás ca ('TB yajrasya) ràdhyo havsinatā ('TB ${ }^{\circ} \mathrm{h} h$ ) llV TB Ser $\$ 188$
arepastrh (Apsí adde samohnsah) cile goh (SV citã goh, ApS cidäkoh) SV AV Aps MS See 847
 RV
lum id arbhe hamsy aì sumãnam it RV tedin arbharyn havzsah saminam it SV KS TB Aps
anupüruam yatamind yati sthe (AV stha, T'A yatipla) RV AV TA See §R $^{6}$
agne vitatam antar á (LS antaram) HV VS MS KS TR LS VHDh Apgmilatitin in IS in itatam
đ no yahr (also, à yahi) tapasd janers (MS jánupua, SS janepv a) MS $\mathrm{AB} A S \mathbb{S}$ The accent proves MS wrong, it seeme to presuppose janesv $\mathbb{A}$
yad ullaradràv uparaś ca khddatah AV yad †apsaradrūr uparasya (ApS apsararüparasya) khādať KS ApS In AV complementary ang after elliptic dual (Edgerton, KZ 43110 ff ) See VV I p 270 f
§827 Verbal eudings are concerned in the following (cf $\{825$ ) stucd juhuta no (SS juhutand) havih TB SS ApS
tıomiyudháya bharatā srnotu nah (TB sprotana) RV TB N Assimilation of form to the preceding bharatie in TB yatheyam ntri pautram agham na rodat AG SMB PG ApMB HG yathedam stripautram aganma rudriyaya MG See 8801 dprno 'sz sumıprah (ApS aptnogi samprna) SS ApS The latter inferior
ramadhvain mí bibhîla mal (Kaus bibhitana) AV Kaús pratuo he (TA pratnoyi) kam idyo adhuaresu RV AV TA Spe $\$ 299$

5 Firet sylable of a word, not a compound, replaced hy a patch-word, or vice versa
$\$ 828$ Fairly numerous also are the cazes in which a light word replaces the initial, inatead of final, syllable of a longer word, or vice verea In the list now following the form with one word is onginal, the 'patched' form secundary
 MS Asamulation in SV to the precriang loc neyüta 'hern in men-winning and in deaire for glory'
rasaral. ciltisthan vasudhataras ca AV varuk cetisitho varudhitamas ra VS TS MS KS The bad meter and feeble sense of AV show that it a a corruption of the other, moreover Ppp agreea with the other texts (Barret, JAOS 42 108)
sukräm vayanty asurdya nirnuam RV sukrd vi yanty asuraya nernue SV 'They weave a bright garment for the Aaura' 'the brught (soma-dropa) atream variously for the adorament of the Arura' niadayor virutayoh sūra indrah IVV ta dew vitah sūra indrah SV The 'uncontrolled bulls' of RV seern to be Indra's horses, lect. fac in SV
anürte (MS KS ${ }^{\circ} t \bar{a}$ ) mūrle rajam matle (MS ${ }^{\circ} t d, \mathrm{KS}$ na sattā) RV VS MS KS N apūrlù sürlà rajaso vimâne TS Here na seems to be the comparative particle, it is of course secondary


Agan a lect fac in SV (santu taken with preceding, 'devoured be nur foes')
ūrjam bibhrad vasuvanth (VS LS SG ApS vah kumunaih, ApS "vah suvanih, ApS "ยasumandh) sumedhīh AV VS KS LS ApS (thrice) SG HG See §227
ailabrdd (MS ${ }^{0} m f d d$, KS ardampdd) yavyudhah (VS ayuryudhah, MS w yudhah) VS TS MS KS See §241
parı ghrañidam omaníi (TB parıghrañan vím manā) vām vayn gāt (TB gam) RV MS TB N The onginal 'he shall go thru the heat by your aid unto atrength' Corruption in TB
 ${ }^{0}$ nau, $A S$ SS vám nađ̃ā) AV TS MS KS AS SS See §230
 brahmanebhyo 'bhyunujaità (MahãnU hy aru') TA Mahs̄uU tum ahve (BV u huve) väjasataye RV SV

 pasage, all forms corrupt Oldenberg (on SG, p 144) auggesta something like sthivarduat for the onginal In ApMB a mistaken rationalization, a third person verb 18 out of place here, gince there 19 a direct address
 But Poona ed of TB text and comimi vaträrā
6829 Id the rest the form with two words scems to be the ongual adyā mamĩra an hyah samuina (MS sahyah samānah, pp sah, hyah, sam, ina) RV AV SV MS TA N The MS makea no gense, and ite $p p$ gives the trie reading
yas ta vıãnät (TA * MahānU yas tad veda, AV VS yas kinı veda) sa pitur (VS MahãnU pituh, TA saintuh) pitāsat RV AV VS TA MahūnU N See $\$ 198$
ad dahan (GB sadanän) pradahan nv (GB v) aqāh GB Vait One ms of Vait has the aame absurd reading as GB
s.l pramir ( garbhe (MS ©bhah) sañ (VS SB san, KS MS sam²) jăyase punah KV VS TS MS KS SB But it as hely that MS KS really natend san (so MS pp)
sa avn jütah (TA Mahs̄nU sa vıjáyamānah) sa janısyamūnah VS TA MahânU SuetU ŚlrasU

ugnc yaht dütyam mil risanyah (TB ${ }^{〔} y a m$ vincenyah) KV MS TB AS Sre ${ }^{2} 225$
tan mi juna TS MS tarı mārgted KS See 8354 KS probably secondary
 sarvam manzouna TA The form zīāna can properly only mesn 'send', but 18 doubtless felt confusedly as meaning 'wish', as if from icchath 'send (as fi, 'wish') me that (world)', 'every world' TA has a monstrous quastimperative middle (mitb ending ana'), as if from the annst of root man, comm prayaccha
a damıulraī (KS à «tm ugrā, TS Apŝ aismınn ugraī) acuryavuh TS MS KS ApS Obscure and difficult with any reading, but MS seems clearly aecondary
apān na yanty (SV apo nayanta) ūrmayah IRV SV 'Lake streams of water go (the somas)' '(the somas) lead on the watera'
upökrtam sasamänam yal asthät (MŜ sadhusthät, v 1 sad asthut) AV TS MS MS If sadhasthät is rụht (see Knamer'e note), it must depend on upaikftam
partsitah heesyayz ApMB parisidah klivyasi HG The true reading is kua isyust, or more properly esyaur, 'whither wilt thou go"' The HG has fuolishly attempted to rationahze the reading by connecting it with the quasi-root $h h_{s}$ (thanking of hhis)

6 Dissyllabie words bruken up into two 'hght words', and vice verea
§830 Next comes a gromp whelı may he sanl to belong to booh the two precening clasese at once That ia, a dissyllabic word is broken up anto two hight words, or vice versa, often with further changes We berin as before with cases in which the dissyllahic wond seema to be the ariginal

 somuem rayinnusz (IIV mpaömnv, IS SB manayimz) RV AV VS - TS MS KS SB
 secondary Kí reading may be graplac:
 MS See 今, 145

arim uha (AV aha) praíinsatı AV SS ŚG

samyak (TS MS TAA ApS* Mis sam $u, \mathrm{KS}$ * sarit) stazant bunto
(TAA Conc ${ }^{\circ} t$, Poons ed text and comm ${ }^{\circ} \%$ ) na therah RV V8 TB MS KS * SB TAA KS ApS * MS The second reading of KS , sarit, tho given by all mas, is endently a mistake fur sam it, which is secondary to samyak
nyañ (AV ni yan) ni yanly uparasya niskplam (AV ${ }^{\circ} h m$ ) RV AV KS lari mandrisu prayaksu AV sa $\mathfrak{t m}$ (TS i) mandrd suprayaanh (TS mandriau prayasah, MS manlrū auprayaad atariman) VS TS MS stant mandras suprayaksuh KS As all commentators realize, the pasange is hopelessly corrupt, but sa Im ( $(\mathrm{i})$ looks like a secondary lect fac for some single word (as in AV KS)
P8S1. In the following the version with two light words zeems to be ongual
rdam ta ekam para uita (TB ApS, but not KS, ula) ekam RV AV SV $K 8 \dagger$ TB TA AS SS ApS MS Comm on TB uta, am ca, but the text leaves the word accentless, which, as well as the bad sandhi (ula ekam, with hiatus), indicates that the true reading was u la (le)
a $\operatorname{tu}$ (SV sato) dhanam kanne na pra yansat KV SV 'He venly shall give wealth to the singer' 'he chall give wealth to the virtuous, to the singer' The qenitive, followed by a dative in the same construction, is an andication of the badness of SV
kanir yah putrah an $\operatorname{lm} \bar{a}$ (TA Cunc sd $2 m a ̄ h$, Poona ed text and comm
 mäñni sarvdn btüldnı

a yam (MS MS ayan) narah oudanavo dadasuse IIV TS MS KS AŚ
MS The corruption of MS is indicated ty the fact that the verb aruryavich in the next pada still has the accent, tho it is no longer in a relative clause, and there 18 no other reason for the accent ku sthah ku vim aiknn SV küstho devàv akennā RV It 18 umversally recognized that llV must be read $k u$ istho utem (SV ülim) arbhe hallämahe RV AV SV MS uta-im ūtom, 'and' maht no vild tha vantu bhūmau AV maham na váto in ha vät bhümua RV $\bar{\alpha}$ tud (AV envion, SGG enam) pararaluh (AG afrilah, MG ${ }^{\circ} \mathrm{vplah}$ ) kumbhah (ApMB †kumbhüh, SG kumuihyā) AV AG SG PG ApMB MG
tre a (SV trayō) bhüpanti vedhasah RV SV Note reaolution of eto ay wahpatir yatil erdhe SV suarpation yad im urdhe IIV AV ancuah sarve ve caralu prajanan MS sa vah sanwih sam rarati prajainan AV The MS ppanh, anriah, in the sambita text stupid assmilation to the following word
yatrdsprkpal lawo yac ca visasah (ApMB lanuvam yatra vísah) AV ApMB yatrá urkpas lanuvar yatra visah HG Probably yac ca of AV 18 onginal and yatra due to asemmiation to the preceding yatra
 pyđуавн \'S TS MS KS AB GB SB AS SS Vait LS
[name tad rpadambhasar MS MS na ma rdam upulambhisag ApS We must read rá me in MS MS, there 18 no pp bere, and name ta simply bad editing I
[u gā imdra mearan späayaniva TA ApS In TA text pnnted urgd, but both syllables accented, clearly $02 \boldsymbol{g}(h)$ is intended, eo comm ]

7 Longer words, not compounds, broken up into two or more shorter worda, and uce versa
§832 We come next to a group of vanants in which a word of more than two syllables, penerally at least four, is spht up into two or more thurter words, or vice vers. 1 Fexcluded are diviaiona of compoundainto parts, which have been treated above first come cases in which the longer word is onginal
bulın icchunto titudasya (AG ve tu tanya, v l vidurasya) presuäh (MahānU 4G presthüh) TAA Mahānl' AG See §65
upunasah traparyan KV upo nu sa saparyan SV Indra 1 a meant, SV has obvious earmarks of secondariness
yad indra citra mehana (SV PB me tha ra) RV SV PB AS SS N As in the preceding, a rather obscure word (mehand, adv) is broken upinton a senes of harmless partucles in SV
na me (so read, §831) tad upadambhisar MS MS na ma ulant upadnmbhzsag (once erroneously udam bhosaq) ApS A almple and obvious blunder, possibly only a masprnt
n.ī̀ (AG MG ä) buì präparin aghāpavah (MG adyãyivihh) AG SG ApMB MG See $\$ 868$
Whandm vagnum (AV em ganam, truc reading proliably gatnum with SPP, \&e. Whitney's note, MS tragmum) upajighnaminah (AV upalipsamināh, MS avaughram apah) AV MS TB TA The MS 18 corrupt, its p p, yet worse aksnā, auagmam 2ty ava-gmam, avajghram ity ata-jghirain, dpah But the original is obscure euough
थnsuí amish pramuñcan minubibhith (KS ospehhyah) AV KS irsua şóh pramuṇ̃an mänusir bhrych VS TS vy amì'àh pramuñcan mdnußünim MS Evidently VS TS are secondary, tho interpretable, of 8783
yarya le vifuamänupah (SV infeam ánuzak) RV AV SV It ıs surprising to find the ample and commonplace RV reading diatorted in SV into one that is much more recondite, and hard to interpret See Benfey's note in Translation, p 259
anvädulydthim the mah sakhdyd TB TA manmd didhyãnd utī nah sakhäyä MS The latter seerns clearly corrupt, pp dèdhyinäm, the nasal perhapa presernng a tracc of the onginal, which means 'make ue thine here, 0 ye two fnends (Mitra and Varuna)'
yebhyo madhu pradhivatı (AV pradhāv adhe) KV AV TA The AV comin, followed by SPP and Whitney's Transl, reada pradhavata, correctly
Luam no devalataye (AV deva dülave) RV AV SV See §61
prathamdya januse bhümusvęthäh (AV bhıvave ${ }^{\text {a }}$, SS bhūma nesthäh) AV AS SS If SS intends this divibiun, it would seem to mean 'that thou shalt lead the world' Obscure
yajrah pratyasthrt (v l praty u sithät) KS yajñah praty usthät (v 1 pratyasithat) MS yajānt prattetatha TB ApS
apämıtyam (AS apim tuhann) iva sambhara MS KS AS A graphic errur in AS
ubhe yatete abhnya.ryn (AV ubhe anya) jnesyatah HV AV Cf next. ubhe ad asyolhaynsya (AV axyobhe asya) rüjalah ILV AV In sume verse as prec, here Whitney adopts the liV reading See $\$ 911$
§833 Next casen in which the reading with one long word is geconilary
ava lara (TS avatlaram) nadīvo i VS TS MS KS SB avattaro midinam AV ave tara 'deacend in the nvers' is oniginal, in TS AV there is no verb, and one must he awkwardly applied The doulle $t$ is suspicious (ef 8401), BR takc it, following the Indian traditun, as from the participle of root $a v$, which is not at all likely to lead to the onginal serise (howcver it may have been felt in TS AV) Keith rejects the coinm and connecty with ava, while Whitney follows the tradition MS pp avataram
 pra dhilrà yantu madhumah AB pra dhärayanta madhano ghrtanya AG (corrupt, abandoned by Stenzler for the other reading)
dyunmanitasya ta adityo 'nukhyätà BDh dyıtuh samai tasyäditya upalraski HG The BDh reading seems like a secondary adaptation of HG, which is typical stylistically - The next two variants nre in the same pasage
antarihsasamanlasya le uñyur upuśrola BDh antarikiam samami lasya l'īyur upadraviñ HG As prec
prthurisamanlanya le 'gnir upadrastā BDh prthui sami lasyagntr upadmstá HG. See prec two
sutaras tarase (MahānU sularanddhatarase) namah RVKh TA Mahand The latter has a $v$ l like the others, but its comin reads the recorded veraion, which 18 ohvously a aecundary attempt to make the meaning ampler Sutaram is voc sing fem, and tarase an infinitive
Fite vile purann tere (AS LS, mes of Vait, most mss of SS, and v 1 of KSA punarniva) VS TS MS KSA SB TB AS SŚ Vait LS Doubtless a graphic corruption, but its wide apread 13 cunous antaria dyüvūpt thevī apah buvah TB Ap.MB HG antarà dyävïprthuyor apasyuich MG Is apasyuch underatood as apa-ayzh, from apa-as 'be awry'? It is hard to conatrue a nom-aing of apasyu In any casc it 18 accondary
anupauhvad anupahvayet HG anu po 'hvad aruhvayah ApMB See $\$ 732$
yajñapataye (SS adda vasu, TA yajaminiya) väryam à suas kah (TA à suvas kar asman, SŚ àmimisharase) MS TA SS The latter gecondary
unṻpà ye tas tarives tanūjāh AV canūpivinas tanvas tapojāh AB AS The AV is prohably onginal See $\$ 254$
 SV ApS MS ayam sahasram à no dr太e vicharmunz AV Renfey is forced to interpret the corrupt SV reading anhastaminutvo as one compound word, aganat the accenta 'der tausendbewachende' Probably AV if onginal, thoit tou ia nut very acnaithle agner hotrenedam (hotrena, agnihotrenedam) havir , see §354 minde därum vandamíno vivakmi RV vandedviria vandaminià vivastu SV On thas truublesome and disputed passage are references quoted in VV I p 218

8 Different divisions of twu or more independenl words
\$834 Finally we come to a large class in which two or mure inde. pendent wordy are involved in both forins of the differently divided vanant They fall into thrce subdivaious Perhaps the simplest (a) are those which concern different resolutiona of a final or intial vowel between the two words, ao that in one form of the variant the vowel belongs excluavely to either the preceding or the following word, whale in the other it (not necessarily the same vowel) cuntans a fuaiun of the final of one word with the imitial vowel of the next Secondly, (b)
there are casea in which a final consonant is detached from one word and affixed to the next And thurdly, (c) casea with more extenaive alterations, at least one entire syllable being detached from one word and attached to another, sometimes a whole senes of words 18 affected, resulting in complete revision of the passage
(a) Different resolution of final-initial vowela
$\beta 836$ We begin with the cases concerning final-initual vowela In one form of these vanants a vowel at the end of one word or at the beginning of the next belonge exclusively to the one word, whule in the other it (not always the same vowel) containg a fusion of a final with an mital vowel Either form may he the older, we begin with those in which eandh, combination of two vowels, seems to be the onginal resding, which is much more frequently the case
arakrakyinam vranbham yathajurain (SV yathr juvam) RV AV SV ajuram 'ugeless', juvam 'swift'
na marisam asz nodalim (HG no dahm) ApMB HG If the division 18 so intended, HG must mean 'thou art not flesh, nor a fragment' The comm on ApMB (Wintermitz, Introduction, $p$ xoiv) takes roddlam for nú-udíram, 'nor a (part, of the) belly'
ya ajagma ( $\mathrm{N}{ }^{\mathrm{r}}$ muh) savarlema (TS KS squanedain, N savanain idam, VS MS SB ya đjagmedam savanam) fuānih AV VS TS MS KS SB N Conc suggests savarverna (savanditmē) for AV, and Whitany notes that the AV text ( $p$ p sívane, mā) is a corruption of this, tho he tranglates 'ye that have come enjoyng me at the Lubation'
samıdhyamainh prathamdnu tharmā (TB ApS prathamo nu dharmah) RV TB ApS The later texte atumble over the antiquated forms prathamd dharmis (neut plur) of HV 'According to ancient ordinances' 'as the very first law'
prasthayendragnibhyī̀m somam vocalopo (KB vocalo yo) asmān brāhmanen brdhmand heayadheam KB AS SS As Keith says in lus Transl, KB must be read vocalopo A graphic corruption Jihud paintram afunnäsan (TB ${ }^{\circ} \mathrm{nàs} s a m$ ) zararvall VS MS KS TB The original, of which TB is an uncomprebending corruption, contains dean 'in his mouth'
mistalopa nisuadduasya tudaaf juhomi TS GB Valt Aps insloka unkivadrivye twa samuuhomi sudha MS Precisely luke the prec, except that here the secondary resding 18 verbally intellugible gala updualduatam (SV upa vadduale) RV SV See §60
yatrospikpat lanvo yac ca vísasah (ApMB lanwam yatra visah) AV ApMB yatrd urksas tanuvar yalra udsah HG The latter corrupt, see $\$ 198$
rdhag (RV AV dhruvam) ayळ (AV ayo, TS MS KS ayad) rdhag (RV AV dhruwam) utdsamisthäh (MS KS ${ }^{\circ}$ B/a, AV uta saustha) RV AV VS TS MS KS SB N See $\$ 234$
yot tvemahe (SMB te mahe) pratitan no (Kaut prati nas taj) jusasva RV TS MS Kaú SMB PG ApMB Onginal has tud-imahe SMB comm alternatively takes muhe as a verb, püjaydimi, or as a noun, utsave, aupplyng pūjditikarn karma with yat All rnsa agree on $1 t$
む̄um tvãjau (ApS akhum tvā ye) dadhıre devayantah KS ApS MS hariśmásumi na vurmand dhanaram SV hirıómastumi närvinanı dhanarram RV
 samifk) RV VS TS MS KS N Graphic change in KS, §R71
 ter.emüm upa siñcutam KV AV TA $N$ teua mãm abhisiñcalam SS SMB Different contexta, imám or mim
tena tiam agna thn vardhayemam AV tenagne tuam uta vardhayemam (MS ${ }^{〔} y \bar{a} m \AA m$ ) TS MS ISS ımam or $m a k$
ptena putram jarase nuyemam (MS ma emam) MS KS ApMA IIG The corruption of MS is indicated by its pp jaranena, $a$, imum, pornting to the other reading
yaded (KS àd 2 d ) antāadudthanta (TS adanfih") pürve liv VS TS MS KS
 SMB abhyaplicatam, PG ${ }^{\circ}$ tam) AV siśs SMB PG For the onginal 'dice' SS lamely subatitutes 'earth' [trayävisera (SG tevt thayā guasena) sum asimuche tuā TS KS TB AS MS kaus SG SMB PG The SG scems to be a rnisprint]
$\$ 836$ We come now to the much fewer cases in which the onginal reading assigns the vowel exclusively to one of the two vanant worda, the form with vocalic aandhi beng wecondary yadī̀raghatī (read yaide rā${ }^{\circ}$ ) varadah Vait yadā rākhájyau vadatah ApS yad adydzadhyam vadantah MS See $\$ 70$
praty eva (SS pra tveva, ie tm-tua) grbhaigata AV AD GB JB SS
 But KS ed pnata the ApS reading, with v $1{ }^{\text {o }}$ vaidid trutakukso arum (SV 'kak§āram) gave RUS. SV Noin voc

Ahe mom ahuleth rupdro manasd AV whi cochahulim rupdrah TS TB The intualatic exclamation soah is always allowable, but is here secondary
atoasmai bhultoyddhearo (KS MS bhrlesya dhruvo) astu deadh (TS -dhoaro 'n) TS KS ApS MS adheara dhrwa, it no not certan that the latter 18 more onginal
md na dyuh param avaram mdnadonazh MS min nah param adharam nd rajo 'naih (MS tpuram adhanam me rajo nazh) TA MŚ The MS is corrupt, and its p p is worse md, anal, n, unazh' Cf VV I p 93
 agmann diso dohakdmāh TS ApS it is poseuble that $\mathrm{KS}_{\text {d }}$ also intends $\mathrm{dm}_{\mathrm{m}}$ (interjection) chipo It beems that TS ApS ( $\mathbb{C - i m d s}$ ) have a lect fac
[atmary dimann dimanam (GB aimandtminam, but Gaastra as the others) me midhtath GB Vait Kaus]
(b) Final-mintal consonant transferred from one word to another [837. Next there are a few cases in which a consonant 13 mobile bet ween words, heing attached to the preceding word in one form of the vanant, to the followng word in another This proceas may be illustrated within the HV itself, in the paida traditionally recorded as agree avena maritim ma bhijyf, 1128 5b Here we must surely read agne ravina, see Conc and Nessser, ZW'bch d KV I 127 'lhss 18 commonly recognized, altho Oldenherg, Noten, has some shght doubts Similarly, it 18 commonly recognzed that for nobher yad gukto veve rapatis, HV 1698 , we must read meer apkins, and for mugāyas cakram anve rapdnst, RV 6 3I 3, aviver apänce Also in AV 6116 la, yad ydmam cakrur nikhananto agre, read probably yady dmam, see Bloomfield, AJP 17 428, SBE 42 457, and Whatney ad L C dsann (I (SV PB dsan nah) piltram ganayanla (KS ${ }^{\circ}$ tu) deoah KV SV V'S TS MS KS PB SB
madhu reto (TS madhor ato, KS †madhur alo, AS text pnnted madhureto) mddhavah pätv arman TS MS KS AS Keth on TS thinke the KS reading 18 correct He calle the MS 'nonsense', which is a hitte atrong conadenng that we are dealing with a yajus formula, madhu and reto might be taken as coordinate with either aubject or nbject But the MS p p reade madhuh, amtah, ponting towards the KS reaching
recolt ramadhoam, revalir amedhyam, see $\$ 255$

4 mahyo (MS tert $4 m$ afuo) dohabamah MS. KS. And othera, and 8836 M8 and KS may intend the same reading agor arar à caketa RV náoo rayar a cikela SV Benfey underatands no-apo(d), from agu 'nucht praisend' $=$ 'boa' Doubtful, the SV is hardly interpretable
whayor artnyor (TS artnsyor, NilarU ubhayo rdjnor) jyam VS TS MS Ki Nilard An absurd corruption in the leat, it can only refer to the two ends of the bow, and so the comm calmaly takes it satyad a (ApS salyd ti) dharmannas patl (SS dharmand, and so mss of MS , Vait MS par, SS omits pati) AS SS Vait ApS MS puroväto varsañ jnuar doft sodid TS ApS purovita (KS ${ }^{\circ} \%$ ) jinco rāuaf (KS ade ach MS KS And nther formulan in same passage, see $\$ 168$ TS 19 secondary
 KS SB TB SS Vait LS Followed by saraconty asuriod indryyaya Some verb, probably a form of eu, 18 underatood 'which (soma) the Asvins pressed out (Caland on Vait entnahmen) from the asuric $N$ ' SS is aecondary and poor, dadh. 'bour mulk' conceals adki, to which is affixed the $d$ of the abl which preseded in the ongnal form For the myth in queatinn see Bloomfield, JAOS $15 \quad 144-63$
(c) More extensive false divisions between separate words
$\$ 898$ In the rest the alteration involved in the false divianon is more extensove at least one syllable 18 detached from one word and attached to another Sonnetimes a whole senes of words as affected, as in hatīpdsthadya (read with Poons ed of both "the gha) vised part no vrnaktu TB TA sara eviptēd dhausd vimah MS (onrrupt) plld bhdsualy anupame TA pilabha byde tanupamá MahsnU In MabanU a v 1 agreee with TA but for $a n u p^{2}$, but the oomm keepe to the text as pnnted He explans pilabhi by pitavarnd, and tanūpamai by sükpmenopamiynte kundalinth yam rargamd îhuh The TA makes pils bhasvall $=$ putaurnd, and anūpamd 1s explaned by laukikdram canūndm sükgmavcotiname upamd bhaentum yopyā
acthradat svapd the bhubat AV addyutat sv apato inbhaud RV MS Whitney says the AV has 'an adaptation, or cormption, or both' of the other reading Ppp bhaval for bhuoat ( 8602 )
deva puraboara saghydsam (MS devapurat carasa rdhydsam) LuI MS TA ApS The MS is currupt pp deva, punar its punah, carase See $\$ 817$

## dinas laradhyd (ApS "yai) mayd na iyase (SV irase) RV SV KS A

 ApS derpas lad adhy armaveneyase AV 'A sumple corruptic (Whitney) in AVplasyartena mdm uta (TA ita) TB TA rlasya to ènam a'múlah M ( $\mathbf{p}$ p $t \dot{u}$, enam, $m \bar{a} ' m$, , ulld $m m a$, in part pointing to the TB readin! MS ia corrupt, in TB supply muñiata from proceding pada
graha unsvajanina nıyartar upräyáma te (MS pp uiprdya, 'mate, K nyantar urpra $\AA$ tatī) MS KS
$\$ 839$ In several instances the prefix su exchanges with su ys locatr ending
made sufipram (SV madevn Ezprams) andhusah RV SV
tart mandränu prayakou AV $8 a \mathrm{imi}$ (TS i) mandrd suprayasah (Mi © sa stariman, TS mandrabis prayasah) VS TS MS stanī mundri suprayakpuh KS
mandüky apou fom bhuvah AV marniūkyā su sam †gamah (TA gamaye HV TA The familiar association of the frog with riaters leads $t$ the secondary reading of AV
$\$ 840$ The reat hardly need classification
 'bhi so ahom TA Both are obscure, and the far-fetched intel pretations of the conims give little help for inatance, the TA comm expluina soma as sa + uma, fromı unui $=$ brahmavidya so that soma $=$ paramitman'
visvakarman bhauvana mán didasitha (ÊB muncha nisutha) AB SB SS dediastion se taken as a degderative from dé 'OV'BL, thou dids seek to give me (the carth) away' • thou wast alow of nit (at comm, mandamatih)' Fither meaning is possible
bhratantarkkam abhesastya nah (TA abhinasta tinh) AV TA Comm on TA yad man 'xmabhih krtam tad abhosantah satrasthaniyam It would be better to understand abhisaste, 'upon the accursed ons (may) the sin (light)' Whitney underatands a verb 'yave' in AV numudréd udujant uah (ApS udacann reu) srucā MS ApS The ApS reading scems better
yī samjayantam adhz yāsu vardhase KS äcum jayantam anu yinsu vardhase RV VS TS MS SB
manasya patnz sarand syond AV mā nah sapatnah saranah syoni HG See §189
jyesthays dharmam dyuhsor anike SV jyesthusya và dharmant ksor anike RV The bad forn dyuksur is taken by Benfey an for dyuksayor, from dyuksa
brahmodhrguplah (PG brahmabhs ${ }^{\circ}$, MG brahmabhrgūrlam) sudrd
 rakpanah) sudhe AG PG MG The onginal s probably AG, see $\$ 742$ PG has a simple lect fac, MG 18 corrupt
Netha bhūynt ca rdtrydm (ApMB cardly aynm, MG caraty ayam, PG לhūrit card divami) AG PG ApMB MG See §61
narasuntyat vdoo yantur yantriye (VSK vaco yan turye turyant) dadhami VS VSK SB Corruption in VSK
ayuhpatz ruthamlaram (MS àyuh pratiratham ${ }^{\circ}$ ) tad afiya ApS MS Caland would read ${ }^{\circ}$ pati ( n 0 m ) in ApS, and observes that MS 18 yet more corrupt
ud vansam val yemire RV SV TS KB N urdheam kham vua menıre Mbh
hratuag varistham vara àmurimuta RV AV kratve vare sthemany ämurim uta SV
nurad dhokyā (TB rruarbhyo 'kyì) paprathinebher evaih IIV Ms AB IBB TB See \$681
prathamachad (KS parama${ }^{\text {c }}$ ) avaruin (TS paramarhado vara) $\delta$ vevesa IIV VS TS MS KS Keth takes paramachado as a gen depending on mara (vare) Thie result. is close to nonsinge
io dero yäte bhwaruinz pasyan (TS MS bhuvarai vipaşan) ILV VS TS Ms
thin vmhanu hrnmasi AV lena sutu anuqrhnaisı HG See §47
pathá madhumatē bharan (MS ${ }^{\circ}$ mad $\overline{\text { ibharan }}$ ) VS MS TB Father makes gnod sense
ahordtre ünasfive (V'S asthive, TS aharaitrayor vrstyid) briadrathamitare cat me yajnena kalpctim (VS †kalpantim) iS TS MS Cf 8803 , TS secondary
 garbhas tavodare SMB See $\$ 97$ Despite the Cone, SG $1 s$ quite correct, and may well be the original reading
 $\delta 198$
hiranyavad annavad dhehe (Apsi annam adhyeht, read annamad dhehi) muhyam KS ApS
utem unamramuh (KB SB SS KS uteva mami) TS MS AB KB SB AS SS KS ApS MS
athent aus sya vara à prthtuyüh TS AS SS Mís athemam asyā varu a prthzryah AV See $\$ 236$
utanyo armad yajale ut cāvah (TB ucayah) IRV MS TD N See $\$ 254$
derpas laradhyd (ApS "yaz) mayd na iyase (SV trase) RV SV KS AB ApS dousas tad adhy arpaveneyase AV 'A mmple corruption' (Whitney) in AV
rtasyartena mam uta (TA ta) TB TA rodsya to ènam a'mútah MS ( $\mathrm{p} p$ tú, enam, mátm, ulld́m ma, in part pouting to the TB reading)
MS ıs corrupt, in TB supply muñcata from preceding p®da
graha vetvijanina nıyanlar upprāyama te (MS pp viprāya, 'mate, KS nyantar vipra $d \dagger_{\text {¢atiz }}$ MS KS
§esg In several instances the prefix su exchanges with ou as locative ending
made susiprain (SV madesu sıpram) ardhusah RV SV
lari mandrisu prayaksu AV sa im (TS i) mardrd suprayasah (MS ${ }^{\circ}$ sé startman, TS nuandrūsis praynsah) VS TS MS stanī muindzas suprayaksuh KS
mandüky apaubon bhuvah AV mandükyd in sam tgamah (TA gamnya) HV TA 'Ihe familar association of the frog with waters leadg to the secondary reading of AV
$\$ 840$ The reat hardly need clasuification
yas te some prajduat as 'bht so aham MahñaU yás le soma prajá valso 'bhr so aham TA Both are obscure, and the far-fetched woterpretations of the comms give little help For insiance, the TA comin explains coma as su $+u m a$, from $u m \bar{a}=$ brahinuividyã, so that soma $=$ puramitman'
unsvakarmun bhauvana mām didāsthn (SB munda àstha) AB ŜB SS didässtha la taken as a desiderative from dū ' O V ' $\mathrm{Bh}_{\text {, thou didst }}$ seek to give me (the earth) away' • thou wast blow of hit (so comm, mundamathh)' Either meaning is pussible
bhrūtantartksam abhtkastyì ruth (TA abhisasta enah) AV TA Comm on TA yad e7n 'smäbhih krtam tard abhisastuh satrusthünyam' It would be tetter to understand abhasuste, 'upon the accursed one (masy) the sin (hght)' Whitney understands a verb 'save' in AV samudrod utajant vah (ApS ulacann z'a) sruerī MS Aps The ApS reading seems better
yä samjaynntum adhe yīsn vardhase KS àsum jayanturn anu yisu vardhase IVV VS TS MS SR
manarya patn: sarand syond AV mai nah sapatnah saranah syona HG Sec $\$ 189$
jyeathasya dharmam dyuksor anithe SV jyesthasya vā dharnami ksor antke RV The bad form dyuksor 18 taken by Benfey as for dyuksayor, from dyudisa
brahmddhrouplah (PG brahmabhz ${ }^{\circ}$, MG. brahmabhroūrlam) svird $k_{k s a r i n i ~(P G ~ s u r a k g i t a h ~ s y d m, ~ M G ~ s u a r a k s a ̄ ̀ i a h, ~ m o s t ~ m s s ~ s v a r a-~}^{\text {mat }}$ raksinah) sudhē AG PG MG The ongunal is probably AG, see $\delta 742$ PG has a sumple lect fac, MG 18 corrupt
yena bhūyas ca ralryam (ApMB caraty ayam, MG caraly ayam, PG bhürs card divam) AG PG ApMB MG See $\$ 61$
sarasvalyà väco yantur yanerıye (VSK váco yan turye turyam) dadhamı VS VSK SB Corruptionin VSK
ayuhpatı rathamtoram (MS duuh pratıratham ${ }^{\circ}$ ) tad afitya ApS MS Galand would read ${ }^{\circ}$ palt (nom) in ApS, and observes that. MS is yet more corrupt
ud vansam zva yemire RV SV TS KB N ūrdhuam kham wa menvé Mbh
kratyà varnytham vara ämurım uta RV AV kratve vare sthemany ämurim uta SV
rurad dhuks (TB nruadbhyo 'kiā) paprathīiubhar evaih RV MS AB KB TB See
prathamachad ( KS parama ${ }^{\circ}$ ) avarā̀n (TS paramarhado mara) a vutesa RV VS TS MS KS Ketb takes paramarhado as a gen depending on vara (yare) The result is close to nonsense
ū detn y/ā̀ bhumanānı pasyan (Ts MS bhuvanā vıpasyan) RV VS TS MS
tena samhanu kfnmast AV tena naın anugrhnaisı HG See $\S 47$ puthri mudhumutē bharan (MS "mad abharan) VS MS TB Either muker good sense
ahorītre ūnusstive (VS ${ }^{\circ}$ ithive, TS ahorätrayor vrsfyā) brhadrathantare cu me yajйти kulpctām (VS tkalpantäm) VS TS MS Cf §803, TS eecondary
pumīnsam vardhatām mayıSG pumān samvartatānı muy̌ PG puminn garthos tuvodare SMB See $\delta 97$ Despite tbe Conc. SG is quite correct, and may well be the onginal reading
jümam tun̄ muì untzlas lokān TA jāmım ftvā mäva paluı lokat AV See $\$ 198$
heranyavad antavad dhehr (ApS annam adhyeht, read annamad dhehr) mahyam KS ApS
utem anamnamuh (KB SB SS KS uteva ramin ${ }^{\circ}$ TS MS AB KB SB AS SS KS ApS MŚ
athem ava syavara a prthuvyāh TS AS SS MS athemam auyā vara $i$ prthıvyäh AV See $\$ 236$
ulanyo asmad yajale un cduah (TB vicdyah) RV MS TB N Sec $\$ 254$
anoldhe yadz jijanad (BV yad ajijavad) adha ca nu (SV adhe ad d) RV SV
pra su (HG as) птtyum (SMB pra rumartyam, MG prathamam arim) yuyolana (MG yuyotu nah) SMB ApMB HG MG The lastıs secondary
yafasendräbrhaspall (ArS yafu mendrã) ArS PG MG Graphic change
dyumatlama nuprattkcsya sinoh (AV ${ }^{\circ}$ ikkah sasūnuh) AV VS TS MS KS SB See $\$ 189$
dhyd martah subamate (SV martasya samatah) RV 8V See 818U
yado bhagas ca mi undat (MG risat, mout mes ripak) PG MG yaso bhagasya undatu ArB See $\$ 189$
yunajmi tısтo viprcah süryasya te (MŜ vivitah süryah suve, or savah) TS ApS MS See §189
pragayamusy agratah PG ApMB pragn̄yāmy asydgratah MG †prajáydmary agratah HG asya in MG is to be taken in a cosmic sense, it ia of course becondary
yamanya loke adherajuur dyat (TA siya, MS loke nadhar ajaraya) AV MS TA Whtney deacribes the MS as a 'corrupt guess'
maycdevá avataran HG adevā devavatlaram ApMB See 8401
a gharmo ognim rlayann asddı (TA asādtit) RV TA a gharmo agnir ampto na sädh MS The latter is of course secondary
adha syama surabhayo (ApS syam arur ubhayor) grhesı AV KS ApS athd sydta surabhayo grhess MS The ApS is worthless, Caland tactly adopts the other readug
[que ndeirablaram SS ifum na viro astā AV RWh by emendation, hut mss as SS except for 18 mm ]
[palam mé dyä̀dipthzvi adyíhnah (Kaúa text aghūrınah) TS ApS ISaug Resd adychrah in Kaus, of cntical note, p 295, $\mathbf{n} 4$ of ed In the reading quoted for ma Bu hna should be read for dnal

## 9 Patch-worda

Gest In the eariser parts of this chapter, and eapecially in §§822-31, we bave met many cases of varistion between a longer word and a ahorter word 'patched' by a light word We shall now add a group of varants uvolving such light words-'patch-words', Fhckworte, Luckenbiuser-to which 'false division' in the struct sense seerns not to apply, because the phonetic resemblance between the vanant worde a inaufficiently close. There is no hard and fast line between the two groupa, however, and we are far from regarding the separation we have
msde as aboolute Doubtlese many of the vanante which follow mught whth justice have been classed above At least they all belong in the same chapter

8849 For instance, in a paida luke syonain palye (AV patibhya) vahatum krnupva (AV krou team) RV AV SMB ApMB MG N,
it is clear that AV has subatituted an active muperative form for a middle, filling out the meter with the pronoun twam There 19 atill a certain resemblance in eound between the ayllables twam and -sva This resemblance approaches the vanuahig point in
ni no rayim mbhajnsam yumanea (TS ywehu) RV VS TS MS KS, where TS hkewise usea an active for a middle tmperative, patchung the påda with the adverb iha And in a pada like
äpus tad ghruantu sarradā (MG te sadā) MG YDh,
it would ohnously be impossible to apeak of 'false division', ance sarvadü, if it is the onginal reading, cannot be thought of as divided into te sada, rather, the mynonym sade ia subatituted, and the hne is then patched by inserting the hght word $t e$ If, as we suspect, the onginal form of this paida was that of MG, the order of change is reversed, but the principle is the same
g843 Prevailingly these vananta are concerned with metncal requirements, as is clearly sugersted by the above pxamples The use of a patch word 18 designed to fill out a metncal unit which would otherwise be defective This comes out very interestingly in a amall group of cases where the onginal reading had or seemed to have defective ineter, and in a eecondary text this is corrected by inserting a patch word ngum (SV ngntm u) sresithasorisam KV SV In RV srestha-constituted three pyllablea (Wackernagel I p 51) The SV has lost conscinuancss of thas fact, feels that a syllable is lacking, and ingerts the herniess $u$
mase vasam aprkthih (aprog api) AV (both) The shorter form (with ending read as two syllablea?) was probably the original
patah sürya undetı AV patas contel, süryah SB BrhU KachaU $\dagger 4$ 9s ašūn huve suyamin ūtaye TS MS KS āsūn vou aryaman ahva ūtaye AV Here the longer form of AV may be ongnal, at least it 18 better not only metrically but in sense
§844 There are, however, a few cases in which the addition of a patch word eponls, or at least injures, the meter In onc of these the forai without the patch word is probably histoncally secondary, and due to an attempt to improve the nucter by omitting (instead of adding) a hight word
tamar no (AV ma) devah pardatteha (AV PG ${ }^{\text {Da }}$ dhatleha, K8 MS ${ }^{\circ}$ dhatta) sarve (MS utive) AV TS KS MS SMB PG BDh Even the KS MS form, lacking tha, is not really good in meter.
8846. But in most cases of thas sort the hght word appeare to have been added secondanly, to the detnment of the meter
Jatena patair varunabhi dhehi KS satena pasair abhi dhehi varunainam
AV The reading of Ppp (Barret, JAOS 37 298) 18 that of Kg, and this is doubtless onginal
tam aham punar adade KS PG imam lam punar ddade 'yam (read 'ham, as Kirste suggesta) HG
lasmd $u$ radhah krnula praiastam (AV krnuhr auprakastam) RV AV
The superfluous ou is ignored by AV Anukramani and omitted in Ppp (Barret, JAOS 41 266)
sesf. Dnce SV omita a pronoun from a good and ample pada of RV, thereby apoiling the meter, the change was possibly conditinned by the use of the heratic case form sutasah (atranning for archanc effect), which made the pada too long, altho the omiselon of tme leaves 18 too short tubhyam somich sula tme RV tubhyam sutāsah somāh SV
$\oint 847$ Change of meter makes both forms passably metrical in the followng
anumate 'nv udam manyasua AV anumate 'nu (KapS †anu) manyasua na idam KS Cf anumate 'nu munyarva (prose) GG KhG HG ApG
apacm napãtam afurne huve dhryā (TS †hayantam) AV TS The rass of AV read asuind (accented) and dhiyah Nether text makes sense as presented in the mas, but buth are metncally correct See Whitney's and Kelth's notes
$\$ 848$ In the next AV by a later resolution get.s two syllables out of one of RV, and to gave the meter omita the light word $u$ agner vudviñ sa yajăt sed u huti (AV Kaú sa rd dhotā) RV AV TS MS KS SB See §996
$\$ 849$ In the remainder the vanants with and mithout patch wurd are metncally equivalent We shall begin with those in which the form with patch word 18 probably secondary, they are, as we ahould expect, far the more numerous group tmam (AV *lam u) me agadum krla (AV krdhr) RV AV * VS TS anu manyasva suyaja yajama (MS yaje h2, most msa yajeha) TS MS lam manyela (ViDh lam vai manyet) pitaram mätaram ca SamhitopanisadB VaDh ViDh
abman (AV sā nah) sile payasäbhydvaurtrva AV. VS TS MS KS SB
upa yajnam usthita (MS astu no) vaitradevt RVKh AV ApS MS apasedhan ( $8 V \dagger^{\circ}$ dham) durita soma mrdaya (SV no mrda) RV SV See VV I $\{194$ In RV $T$ in mrdaya is long. in SV it was pronounced ahort, and the change with insertion of no is intended to umprove the meter
maruldm pitas tad aham grtaimi (MS gme te) TS MS marutàm pitar ula tad grnimah KS
tasya doham asīmahi (KS asizya, AS asīya te) VS MS KS TB SB TA AS SS In KS prose.
trastd sudatro (TA no alra) ur dadhdtu rajah RV VS MS KS SB TA SS N
sa nah pıen madhumãn à nseha (Kaú́ ezvéá) KS Kaú́ sa no mayobhūh pilav (TS TB pito, MS pitur, SMB Jorgensen pitay) atr.suvva (AS aviseha, MS dovera) TS TB AS MS SG SMB PG
añgırohhar à gahz yajñ̀yebhich LRV TS MS añgirabher yajñ̀yair agahihn AV
dadhad ralnanz (KV once ralnā vı) dàóuse RV (thnce) SV VS TS MS KS TB dhatlam rainān dākube RV dadhad ratnā dōsuse vàryuim RV VS
ttegur apyu gosu yd puruscos AV tvesir aitersu purusesu gosu TB The Ppp agrees witb TB (Barret., JAOS 30 204)
anägd devīh dakuno grhesu (AV grham nah) RV AV MG The Ppp according to Roth agrees with KV, and the AV text makes poor senge ds Whitney obaerves
abhūn mama (KS nu nah) sumatuu veśvavedah TS KS PG
whnū youl ench krtam astı päpam (AS astı kumcte, S'S ena.s rakpmehr kimrtt) AS SS Aps MS ApMB
edam burhar $n_{i}$ sidata (AS SS sida nah) RV VS KB AS SS Change of context in AS SS requires a singular verh, and the pada is neatly patched with nah
devebhyo havyam (MS MS MG hatyā) vahatu (TB * AS SS ApS vaha nah, Kaj̧ *vaha) prajānan RV 1 V VS TS MS KS SB TB * AS SS Vart ApS MS Kaus * MG In one form Kaus is unmetrical, lacking rah
pra tad vored amrtasya (VS amplam nu, TA MahãnU voce amptam nu) vituđn AV VS TA MahānU
viryebher (M6 virebhir, AV yau viryair) uiratamd savisthd (TB sacio, Poong ed fañ $^{\circ}$ ) AV VS MS SB SB TB AS SS
puinantı visud bhülañz (MS bhüld mã) AV VS MS KS Is the MS. reading a reminiscence of $u$ vive deydh punite nū, which is the RV form of the pada?
tatam paritrā ultate hy (MS mitatany) dou MS ApS ApMB Undoubtedly MS ts onganal, form asemmation to painifd to the others hoaydm: (AV BV TS MS huve nu) sakran pervhütamindram RV AV SV MS VS TS KS MabRnU
aprıye (AV "aprsyah) pratı muricaldm (Kaus $\dagger^{\circ}$ tam, AV *muñica tal) AV (b1s) Kaú
sarvär agnint (AV sivdn agnin) aprusado huve tah (MB omits vah, AV havimahe) AV TS MS TB See VV I p 253.
8850. The much fewer cases in which the form with a light word seems to be the older are
rpiocm ca atutir (SV ouspulir) upa RV SV VS TS MS KS
agnem indram (TB agni undra) uftraharul huve 'ham (TB am, MS "hanom huvema) AV MS TB
 yah) KS AG TB ApS Since the adjectives are feminne (agreeing with djah), the KS form is less regular (Wackernagel III \$62), but it may nevertheless be the onginal
yd akrntann avayan ya atanata (AV yds ce tatnire) AV SMB PG ApMB HG yd akrnan yd alanuan MG Discussed in VV I §546, 218
jaram gachōsı (PG gacha, AV su gachc) parı dhatsun vãsah AV PG ApMB HG Only the relative antiquity of AV favors greater ongunality of ite reading, and perhapa thes is not conclusive

## CHAPTER XDX RIME WORDS

S851 A large majonty of all the vanant worde treated in this volume are nme words, in a far as they are not different forms of identical words But in addition to these, there are fonnd not a few other vanants which nme with each other and tend to be associaterl, at least pertly on that account It eeems worth whle to present some examples of such vanants, the list, ineludes, of course, only words which do not seem to be exphicable by any of the phonetic changes treated above, nor yet by graphic confuein Even so reatncted, the hat could no donbt be extended We hope, however, that we have included at least all cases of the repeated occurrence of auch nme words in vanation They are sufficiently numerous to illustrate the phenomenon as a phole It is to be noted that the worde are as a rule farly close to one another in sense as well as sound, that 18 , they are mostly quasi-synonyms

8852 We hegin with the roots $\mathfrak{y n v}$ and $\mu \mathrm{nn}$, closely associated from early tumes, and semi-eynonyms 'inspire' and 'make to proaper' The ease with which they interchange is illustrated well by the first two formulas, which follow one annther in the Sambitas, both verbs are found in all texta that have both padas, tut the two are exchanged in different texts
mano me jinva (MS KS pinva, Valt mano jnuba) VS TS MS KS Valt Followed by
väcam mie prnva (MS KS SS jınva) VS TS MS KS SS
 ıınva (AS †tnruam, read pınva) ga jınō̄ratah TB ApS AS Cf. mneratam gã jinentem arvalo nah RV KS
§853. Other verb forme are $\bar{u} r j \bar{a}$ prthevim gachata (MS yachata) TS MS KS TB paramain padam aica bhatz (VS SB bhari) bhìrn (TS bhüreh) RV VS TS MS KS SB $N$ The comm on VS calmly asys auabhan avabhätı, takdrasthane chandaso rephat' BR denve from root bhr, as anor pass 'wurde eingedruckt', which is at least posable
trikadrukebhth patatı (AV pavate) RV AV KS TA ApS Cf Hıllebrandt, Ved Myth I 500
 KSA SB TB AS SŚ Denved by the comms from roots $\mathfrak{t l}$ and sul, hoth with obecene mesnings, and both unknown otherwise
sam behubhyam dhamatı (AV bharalı, T8 TA mamali, KS namate, MS ${ }^{0}$ bhydm adhamal) sam patatraih (KS yajatraih) RV AV VS TS MS KB TA MahãnU SivetU sam-dham and am-nam practically synonyms here, 'weld together' Note also the noun forms patatra yajalra (graphuc change)
asadan (TS asaran) mātaram purah (TS punah) RV AV SV ArS VS MS KS SB Practically aynonyms. 'has seated limself' 'has reached'
yabhydm svar ajanann (TB suvar ajayann) agra eva MS TB MS yabhyám ajayan suar agra eva AV 'Hy which they created (won) light in the beginming '
sam orävabhir nasale (SV vasate) vile arthrare RV SV Both 'unite with', SV lect fac (sam-nus was obsolete)
rasena sam astksmahi (RV agnsmahr, KS LS aganmahi, AV JB aprksmahr) RV AV VS TS MS KS JB SB TB LS ApMB sam-87f and sam-prc practically synonyma Cf aam-prc and sam-spry, 5375
añgdcharøøãt sambhnvast (SMB *sambravası) SB BrbU KBU AG SMB* GG ApMB HG MG N Mahábh In SMB a aynonym is introduced in one occurrence for the sake of variety 'thou flowest tngether' for 'thou arisest.' The piduif unmpdiately repented with the reading of the other texts In both cazes some rass of SMB have the alternative reading
pra ketunā brhatā yüly (AV TA bhdly) ugmh RV AV SV TA 'Aynı goes (shines) forth with mighty beam' Perhape graphic?
socasva (VS* rocasıre) devaūtamah (KS ${ }^{\text {ºnttamuth) RV RVKh VS* }}$ TS MS KS TA Synonyme
tatak (RV alah, KS uetra) raksāthäm (RV ${ }^{\text {othe, }}$ MS KS cakräthe) aditem ditim la ILV VS TS MS KS SB Rnot cak; perfect of $k_{r}$ adhr skandu virayasen AV abh kranda vilayasua SG Quasl-synonyms AVPpp also reads kranda, which therefore may be onginal, tho skanda seems more appropriate ('mount', of sexual upproach) $m a ̈$ chethäa (v 1 bhetthii) mä vynthrşthäh KBU
[varsnul rathasya ru jihisate (SS jehilate) diveh AV SS So RWh, but the mss of AV read gihidate, which should be kept]
\$854 Jiming participles occur in the following
pratyag enam sapathē yanlu tistāh (AV ststāh) RV AV Comm and one ma of AV tosfich, for which arstinh may be called a lect fac 'Let the curses go back upon him, the harsh ones', or 'those emitted (by him)'
yd dabhrah parsastusth SG ya †ardroghnth pan tasthusth ApMB Pples of roots stu and sthē
dyurda deva (AV agne) jarasam urnänah (ApMB ApG HG grnº) AV MS KS MS ApMB ApG HG ayurde (VS SB, ayusman) agne hanpo jusinah (VS SB SG havpi vidhänah) VS TS 8B TB TA AS ApS SG The ApMB etc readings are an intereating blend of those which contain veränah and jusanah Perhaps gradiach was felt as meaning 'prasang' rather than 'devounng', eden this would be none too sensible in the context Oldenberg adopts ornänuh for HG Still a diferent version ('thning by the oblation') is adopted in VS etc, this is an easy lect fac in a passage relating to Agns
đ sutrāvne (MS KS bhüynthaditme) sumatım durnānah AV MS KS ussthadaune sumation grnänäh TS 'Choowng to myself (prasing) his kindness'
§866 Among riming nouns and adjectives, the par dhäman namun atands out In the mystical rehgous language of the Veda they are easily interchangeahle, the 'name' and the 'station' of anythong both mean its myatic easence In some cases the change from one to the other is due to the influence of adjoining worda, us in
yat te 'nedhtylam mima yajūıyam (KS nāmānädhrsyam, MS dhuimeñādhryam) tena tuadadhe VS TS MS KS SB The change in MS nae suggested by adadhe
sedum pryena thāmmã prıyan sada †āsūdil (VSK pryena nāma prıye sadar süla) VS V'SK SB Also
 (VSK TS TB Apś* priye sadası sida) VS VSK TS śB TB KS Aps In thas aud the prec (which are variants of each other) only the VS texts have dhiman, and it is reasonable to suppose that. It was subetituted there for naman because it is a synonym of sadas
indmã te nāma (AV vidma te dhàma, Ppp gandharva nima) paramam guhà yat RV AV VS TS MS KS SB ApMB gandhanyo dhüma paramum guhā yut (VS uibhrtam guhà sut) AV V'S gandharua nümu nhhatain guhāsıs TA MabānU Here two different pādas have become confuged, one began onginally with vdmi te näma, the other with gandhary, dhama The AVPpp reading (not in Cone) occurs in the verse where $A V$ has nimar te dhama

§856. Twice the RV phrase pratnena mamana 'by ancient hyma'
is changed in SV to pratnena gonmand 'by ancient generation (burth)', much to the detriment of the sense In one case TB followis SV aham pratinena vanmard (SV gañ) RV SV AV agneh pratinena manmand (SV TB jan ${ }^{\circ}$ ) RV SV MS. KS AB TB AS MS
4867. Other nouns and adjectives
abtam (MS MS aplubhi, KS *artham) rehand vyantu (TS TB oryantu) uayah TS MS KS* TB MS GG KhG uyantu vayo 'klam nhdnith VS A very obscure passage, the solsted arthan may posmbly be due to graphic confuaion
bariram me ncarpanam (KVKh vroaksanam) RVKh TA TU prattkam me vicakganam PG 'My body (face) be active (glonous)' Scheftelowits on RVKh reade menksana, but it seems that ${ }^{\circ} n a m$ must be the true reading
pakta (KSA pantha) sasyam TS KSA The latter is called 'ludicrous' by Keth On paktif nee Wackernagel III p 204, he takea it as a masculne form used as neuter, rendenng 'die Saat pflegt refí au werden'; cf Oertel, Synanc of Cases I p 171
kuhūm aham (AV Vart kuhūm devim) suvtam (AV MS KS sukrtam, TS subhagäm) undmanaipasam AV TS MS KS AS SS N Quaalsymonyme
dyumnd suksata manhaya RV divminam sudatra manhaya SV
dhanamjayam dharunam dhärayıə̊u RVKh bhümıdrnham acyutam
 dently secondary cyiv ${ }^{\circ} 18$ suggested by 'cyutur 'unshaken (but) shaking (othera)'
ablono 'pisdcadhitah ApMB anavdho 'tlono 'ptsúcadhīrah HG The latter 18 a strange corruption, the ongmal means 'not sucked by demony'
adroghaväcum matibhth savztham (RV * ${ }^{\circ}$ bher yaw ${ }^{\circ}$ ) RV * AV See RVRep 275 f
abhe dyumnam (RV VS rumnam) derabhaktam yaustha (MS KS devahtam yausihya) KV VS TS MS KS ApMB Quasssymonyms
nagnahur dhiras (KS viras) tasaranı na vema VS MS KS TB Synonyms
pàhı no agna enase (ŚG edhnue) svāhē TA MahānU SG edhase 19 certanaly nght 'protect us unto prospenty' TA comm quotes the text as enasn, tho both editions prat enase The corruption is due to recollection of other phrasea in which enasah or the like 18
associated with the root $p d$ in the sense of 'protect from evil' or '818'
punar brahmano (AV brahmia) vamanitha (AV ${ }^{\circ} n i z{ }^{2}, \mathrm{KS}{ }^{\circ}$ dhtlam and $\dagger^{\circ}$ nitha [so 38 12b], MS dhite) yajraih (AV MS KS *agne) AV VS TS MS KS SB The form with $n$ is apparently onginal, in MS KS it is contsmunsted from euch forme as vesudht, oasudhsts kuern no asya sumater naviyaor (SV. bhaviynsi) RV SV 'Hıs very fresh (abundant) favor'
sthera ean namayistavah RV drdhie crd yamaywravah SV Practically synonyms, 'bending' 'subdung'
aridhz kham varlaya parim (SV paurm) RV SV Benfey and Grasamann would read parm in KV The emendation is exceptionslly tempting, but one must be cautious about it, of Oldenberg's judicious remarks (Noten ad loc) It 19 easy to see how paerm could be subatitited for an original panim under the infuence of kham, a reason for the reverse change in the tradition is nut an apparent tēs tvä manviu munasü avemu (TB mahusd sveras) AV TB The Eughsh words 'mind' and 'might' subetantially reproduce the nme, and are derived from the same roots Cf next
ul satvanäm mämakànim manansi (TS mahünsi) RV SV VS TS Cf prec

The two worda are near-synonyms, pabum te clearly original upa stegthà nu aburah (MS ástrah) AV TS. MS KS
panasyuvah satmasanes" (SV ${ }^{\text {ºparanegu) ukramuh RV SV Quasu- }}$ synnoyms, 'at the dwellony-places (enclosures, sanctuanes?)'
 Complete change of meaning as well as syntax
sudhē tvà süryasya (MS vähiya sir $\mathrm{r}^{\circ}$ ) "ry(2vanaye (MS ${ }^{\circ}$ sanaye) MS TA ApS

上echnged in $8 V$ to pratnena jommand 'by anelent generation (birth)', much to the detnment of the sense In one case TB follows 8 V aham pratinena manmand (SV. gan ${ }^{\circ}$ ) RV SV AV agmah pratnena manmand (SV TB jan ${ }^{\circ}$ ) RV SV MS KS AB TB AS MS
§887. Other nouns and adjectures
attam (MS MS aptubhi, KS *artham) rihand vyartu (TS TB viyartu) vayah TS MS KS * TB MS GG KhG vyantu vayo 'klam rhajah VS A very obscure paseage; the isolated artham may posenbly be due to graphic confusion
tarisam me ncarsanam (RVKh moakanam) RVKh TA TU pratikam me ncakganam PG 'My body (face) be active (glonous)' Scbeftelowite on RVKh reads neaksara, but it seems that ${ }^{\circ}$ nam must be the true reading
paktē (KSA panthr) sasyam TS KSA The latter $1 s$ called 'ludıcrous' by Keith On paktā bee Wackernagel III p 204, he takea it as a masculne form used as neuter, rendenng 'die Sast plegt reff $2 u$ werden', cf Oertel, Syntax of Cases I p 171
kuhū̆m aham (AV Valt kuhūm devinn) suortam (AV MS KS suhtam, TS subhagüm) vedmandpasam AV TS MS KS AS SS N Qussasynonyma
dyumna suksatra manihaya RV dyuminam sudatra mathaya SV
dhanamjayam dharunam dhärayisnu RVKh bhümidrnham acyutam
 dently secondary' cyäv ${ }^{\circ}$ te auggested by 'cyulas' 'unshaken (but) shaking (othere)'
aslono 'pesdendhitah ApMB anardho 'slono 'pisicadhirah HG The latter is a atrange orription, the onginal means 'not aucked by demons'
adroghavācam mathbhth Saustham (RV* "bhir yaur") RV* AV See RVRep 275 f
abhe dyumnam (RV VS sumruam) devabhaktain yausitha (MS KS devahtam yamsthya) RV VS TS MS KS ApMB Quasiaynonyms
nagnahur dhiras (KS viras) tasaram na vema VS MS KS TB Synonymu
pohi no agna enase (SG edhase) svahd TA MahanU SG edhase 18 certamly nght 'protect us unto prosperity' TA comm quotes the text as enasn, tho both editione print enase The corruption 18 due to recollection of other phrases in which enasah or the like 18
essociated with the root $p d$ in the sense of 'protect from evil' or 'sin'
 $\dagger^{\circ}$ nitha [80 38 12b], MS. ${ }^{\circ}$ dhite) yajñaih (AV MS KS *agre) AV VS. TS MS KS SB The form with $n$ is apparently original, in MS KS it is contaminated from auch forms as vasudha, paradhit ksern no asya sumatir naviycel (SV. Bhaviyaui) RV SV 'Ils very freuh (abundent) favor'
atherd cin namuyrapavah RV dTdhe ctd yamayrmavah SV Practically synonyms, 'bending' 'subdung'
siulhi khain vurlayd parivn (SV painm) RV SV Benfey and Grasomano would read pavem in RV The emendation us exceptinnally tempting, but one must be cautious about it, ef Oldenberg's judicious remarks (Noten ad loc) It as easy to how panm could be substituted for an onginal parim under the influence of kham, a reason for the reverse change in the tradition ia not en apparent tas tud míantu manand muena (TB mahasd netia) AV TB The Englıh words 'mind' and 'mught' subetantially reproduce the nme, and are denved frum the same roots (.f next
ut satvanām màmakā̀ū̄n mañinsı (TS mahäñı) RV SV VS TS Cf prec
dinsadbhyah prâı mū̆rām pisam (HG papam) SMB ApMB HG The two words are near-synonyms, páam is clearly onginal upe Steptha no doupoh (MS dinrah) AV TS MS KS
panaryuvah sothuasanegy (SV ${ }^{\circ}$ raranepv) akramuh RV SV Quaseynonyme, 'at the dwelling-places (encluoures, aanctuanes?)' asya (AS mama) snusd duaburayya prastsfin (AS praisfau) TB AS Complete change of meanung as well as syntax
 MS TA ApS

## CHAPTER XX GRAPHIC VARIANTB

$\$ 888$ There are not a few variants in which it seems at least possible that graphic confusion between letters mritten sumilarly may have been a contributing cause Some of them, such as vanationa between $b$ and $v$, th and $d h, f$ and $t h, p$ and $v$, have been treated above, as having also phonetio aspects Those which follow in this chapter would appear to be purely graphic We have no doubt that the lust could be conaderably extended, eapecially with the belp of experta in Indian paleography, a title to which we lay no clam We have merely noted down auch variations as have atruck our attention between certan letters which resemble one another in well-known modern Indian alphabets Even so limited, the collection seems to us mportant enough to euggeat that graphic confueton must have played a considerable part in the vanants of the Vedic tradition It will be seen that different manuscnpta and even different editions of the same work not infrequently vary regarding words of this group, which confirms that conclusion, it may be farly aseumed that in many other instances, where no manuacript varants are recorded, we nevertheless may be dealing with phenomena of the same eort At the same time we would emphasize the fact that we do not mean to assert that all the vanations here collected are due solely or even chiefly to graphic confusion For, of course, there are manycases where nether phonetic nor graphic matters can be conoerned We mean only that the is one feature of the Vedic variants which cannot be anored

8859 The largest number of vananta here collected concerns the letters $n$ and $r$ Farrly numernua, alao, are shifta between $p$ and $y$, $c$ and $t, g h$ and $d y, d$ and $v, \varepsilon$ and $\pi n, t$ and $n$ The rest are more sporadic We shall present the cuses in the approxamate order of their frequency

## $n$ and $r$

8660 The vanation between $n$ and $r$ is farrly common, and may certanly be due to graphic confueion The aigns for these two letters when not conbined with wher consonanta are not very diasimilar in the pricipal Indian alphabete They are still more amular in Devanigari, for ustance, when they follow other consonants in combined characters When in such consonant combinations they precede other consonanta,
the Devanagarl, to be aure, clearly dutingushes between $n$ and $r$, so that a mareading would be unthonkable But thus is by no means true of all Indian alphabeta Notably in Seradē $n$ and $r$ before other consonants are written almost alike, and confusion 18 very easy and frequent

8881 We present first cases of $n$ and $r$ not combined with other consonante
indhana enam jarate (MS KS janate, but MS pp jarate, KS v 1 jarile) svidhīh RV VS TS MS KS SB ApMB N One ms of KS reads jarile, and the p p of MS jarate, the is clearly the proper reading
mittike hana (Mabs̃nU hara) me pøpam TA MabănU Here the change is facihtated by the nearly equivalent meamings of the roots han and $h r$ in auch a context ('deatroy' and 'take away')
asadan (TS asunan) mätaram purah (TS purah) KV AV SV ArS VS TS MS KS SB
 tarī mandràeu prayakyu AV stanī mandras suprayakyuh KS Others, 8830
tanūr varşıssthā gahanesthuī MS mahantam gahvaresthäm SV
nurtho (MS ${ }^{\text {cto }}$ ) yaś ca ntruaruah (AV ${ }^{\circ}$ rah ) AV MS TA
 dhäniki TS KSA
deva purakcara saghydsam (MS devnpuras rarasa rdhyäpam, p p deva, punar itz punah, carase, etc) tvä MS TA ApS MS The text of MS 18 corrupt in both readings
mā na dyuh param avaram minadonach MS mà tah param adharam (MS param adhanam) mā rajo 'raih (MS naih) TA MS Two cases, adhamam adharam, and mis rajo mimudo- (corrupt)
ruvad dhokpa (TB nrvadbhyo ' $k_{\beta}$ ă) paprathninebher evazh RV MS AB KB TB But $r$ may be regarded as a phonetic subatitute for ru, $\$ 684$
§862. Next, $n$ and $r$ before wher consonants, note one cabe in If $V$ itself
unseīny anyo (RV *KS aryo) bhuvaruē jajāna RV (both) MS KS TB In different contexts
balıvardaya (KSA ${ }^{\text {o} v a r u l d y a) ~ s u a ̈ h a ́ ~ K S A ~ T B ~ A p S ~ A p p a r e n t l y ~}$ balvardaya is intended qluvardilya (KSA alıunāūyn) rvähr KSA TB ApS Follows the prec gaurit (TB TA gauri, AV gaur $2 \pi$ ) mimíyn salılām takpali RV AV TB AA TA N
vidyur (ApMB indyun) me asya dewdh RV AV KS ApMB See Winternita, Introduction to ApMB, nav erdyun is doubtlese a corruption due to ununtelligent thought of undyut, it is read by all mase and confirmed by the comm, who saye that $t$ for vasarga is chandasal urdyur is 3 d plural verb form
sute vale punann wua (AS LS, mass of Vait, most mas of SS, and $\overline{\mathrm{L}} \mathrm{L}$ of KAA punarnva) VS TS MS KSA. SB TB. AS SS Vait LS The perastence in the mess of the umpossible punarnuva is strinng ni nevartana vertayendra nardabuda (KS nandabala) TS KS ApMB See $£ 273$
adyd tud raman (KS vardhan) surekpath RV KS TB ukham sravantim agadàm aganma (MÉ akarma) KS MS anarbhava mfda KS Aps The ms of KS reada anärbhava, em $\mathbf{v}$ Schroeder, see p w 5, Nachtrage Cf anäbho mida dhürle (read dhurta with some mss of MS and all of MS ) MS MS See 8749
§863. As to $n$ and $r$ after other consonants, most of the vamants contanin forms of the stems agni and agra A special histonc, and as it were romantic, iuterest attaches to this vanation on account of the famous falsification of RV 1018 7d, à rohantu janayo yonım agre, into which by eubstituting agneh for agre there was introduced a justilication for widow-burning 'Let the women mount upon the (proper) place in the beginning' was made to mean 'Let the women mount into the seat of fire' In the Vedic accurrences of this pada, which is found also in AV and TA, there is no authonty for this change There are, however, a number of other Vedic paesages where a like change occura, always, with one exception, between the locative agre and the vocative agne It is noteworthy that in most instances the stem agra is evidently ongmal, and the stem agne secondary The explanation 19 that the context is regularly one that concerns the god Agu, whoee name is secondarily introduced by a natural confuano
§884 The list 18 as follows, the first 18 the only vanant which does not concern the forms agre and agne
dhventam vddagram anusamcaraitam (PB abhuam ${ }^{\circ}$ ) TS PB TB PG APMB - dhoanta vdiè agnam (mes of both völagnım) abh ye samcaranti MS MG Clearly agnam is secondary.
egove okkn pradtdayat RV agre okkns pratidayat TB (Poons ed agre without $v 1$, but comm he agre)
tuthycum agre (MG agns) pary aochan RV AV PG ApMB MG agre (MS *KS ${ }^{\circ} \mathrm{MS}$ аqлe) brhanr üastm urdhvo asthat RV. VS TS MS *KS * SB ApS, and Pratikas AS SS KS MS Rvdh BrhD
tenernam agra (TB agna) sha varoasd toamangdhe K8 TB Here, by exception, agna ( $=$ agne) may be the onginal reading, one accented ms of KS. leaves agra unaccented, euggesting that a vocative (which could only be agna) was intended
laväham ndma bebhasīny agne (AS agre) TS AS tavaham agne bibharant ndma MS Here it seems even more probable that agne is the oldar reading
[agre (TB agne, but Poona ed text and comm agre) yajnasya socalah (KS TB cetalah) RV KS TB ]
[agne (AV. agre) samudham ähdrsam AV Keú agre ıs only an emendation in the Berkn ed, which is rightly mithdrawn by Whiney in his Tranalation]
5886. Auide from vanants of these two atems, we have noted only the following
akpanam vagnum (MS teagmum) upajuhnamanah (MS avajughram dpah) MS TB TA The MS is certainly wrong TB comm upahatam kuroan
gırā ca (AV urájah) srusizh sabharā avan mah RV AV VS TS MS KS SB Whitney on AV adopta snusfich with most mas, Ppp nimifias See ${ }^{1} 57$
ürdhvactah (MS KS ${ }^{\text {a }}$ (rrtah) strayadhuam (VS $\dagger 8 \pi a^{\circ}$ ) VS TS MS KS SB TA Doubtleas corruption, if not misprint, see $\$ 195$

## $c$ and $v$

§806 Under this heading we find first a few cases of ahuft between the roote $\nu \tau-c r t$ and $u$-urt, in all of which the sense 19 more favorable to $\nu_{i}$-crt, 'unloose', slao a few, the majonty being of very doubtful authenticity, hetween the symonymous bases anc and ,an" The others are sporadic
agnim hotaram antand mortich AS holäram agnim atilarā oncttāh ApS 'Bonda' are referred to, which are 'loogened' by this stanza, so that vicittäh is very natural, but it may for that reason be regarded as a secondary lect fac It is not necessary to the sense, as the following pada declarea that the bonds shall 'tind the fool, but the wise shall go past them'
Tlarya tantum vilatam invitya (VS victlya, AV dfte kam) AV VS TA MahañU The true reading wa probably victiya So Pouna ed of TB text and comm, tho with $v 1$ invilya, comm gloss gurusisitramukhän niscreya, which looks as if he had read vurtya and taken it from $n-4 r^{\prime}$ 'elucidate', a meaning which can hardly be nght in any
case MahanU reads vurlya without recorded variant, comm gloss utt sandipenc sandipyn, which is obscure to us
[u2 puisam mailhyamam crla (TB and MS v 1 upta) RV KS TB MS So Conc, seemingly erroneously, MS has cita without recorded variant, and Poona ed of TB lukewise cria text and comm with no v 1]
Bnbalı prajänīm bacisthī vratam (ApS zavizthi vrajam) anugesam suahd PB ApS
[üryebher (MS virebher, AV yau viryarr) viratamd savisthā (TB sacio) AV VS MS ŞB SB TB AS SS But Poona ed of TB saupthd in text and comm without $v$ 1]
[devonulm devatami nainsthā (TB snri ${ }^{\circ}$ ) MS TB Agan Poona ed of TB savi ${ }^{\circ}$ without $v 11$
nentz (ur vivif̨) suähd MahánU viviplyai suähi TA TAA There 19 also a v 1 cuifi in MabãnU The word is meaningless Comm unchla, which he does not explain, he quotes also a v l undhing Poona ed of bath TA and TAA vivitfyal, explained by comm as for vivisfyai by Vedic license
vukrulưulūyu (TAA cukrıi) dhimahi TA TAA $\dagger$ MahănU
zam arvanto raghudruwah (VSK ${ }^{\circ}$ drucah) RV SV VS VSK MS Meaningless corruption in VSK
phrlapratikam va (TB ca) tharya dhūrsadam (TB dhürusí, Puona ed dhūrs ${ }^{\circ}$ ) KV TB ApS The sandhı shows that TB is secondary and poor


$$
p \text { and } y
$$

§867 A miscellarefus but farly numerous group
indrippüsya (two mas indriydùsya) phalıgam ApMB indrdyayñaya (corrupt, Kırste suggests indra āyīaya) sepham alīkam HG
hriyar salyakah (VS salpakah) VS MS The $p$ twa falee reading, VS comm suăvel
brhaspataye sitputah (KSA $\dagger$ simyutah) TS KSA An otherwise unknown word, said to be a kind of cat
prasthüyendrāgnibhyām зomam vocalopo (KB vocatn yo) asmūn KB AS. SS Read in KB as the others (Keith)
sam bahubhydm thamatı (etc, 8853) sam patatrazh (KS yajatrarh) RV AV VS TS MS KS TA MahãaU Svet U
prapunvanda upa sprśala prapınuadhhya s,ihā ApMB prayunvarla upasprśala prayurludbhyah ajhri HG Both anomalous forms and ecarcely interpretable
rusosyah (VSK "pah) krgio krdhz VS VSK SB KS krsyar wd susarydyai (KS foumanasyayai, bas) TS KS ApS With the VSK reading cf bappa
puilyãny (ApMB kulpüny) đuapantıka AV ApMB The msa of both texta vary between $l p$ aud $l y$ anadväns tapyate vahan (MS calpate vahän) ApS MS If MS 18 correct (it oecurs in an unedited part of the text), it is a mere corruption tvum his rüdhaspata (text ${ }^{\circ}$ yata, wrongly) eka isıze $\mathrm{S} S$ ubhe ca no (etc) anhasuh ('sas) pàtän (TB Cone ryithim, Poons ed anhosah spdidm, AS text tanhaza sydtam) MS SB TB AS SS The true reading can only be anhasah (or ${ }^{\text {ºsas) }}$ pütüm
 [wahesthebher viharan yins (TB Cnne päh, comm and Poona ed text $y(a z)$ tartum RV TB KS AS ApS I
 MS KS TB]
(äputaye (GB àyå, Gasatra äpa ${ }^{\circ}$ ) tıd grhramı VSK TS MS GB Vait ApS MS
[varunetz sapaimuhe (MS $\dagger^{\circ}$ haz, LS †sayamahe) is TS MS KS SB T'B AS SS LS Probably a double nusprintin LS 1 [vitvatohasta uta visuataspàt (TA "tah syàt, but Poona ed enrrectly ${ }^{\text {a }}$ taspat) TS MS KS TA」
gh and dy
6868 The varanta are agan macellaneous, tho farly frequent
mä (AG MG ā) tvīa prāpann aghäyavah (MG adyäyavah) AG SG ApMB MG The correct readiug is mā aghīyuvah 'Let not the malicious ones reach thee' It. 13 strange that apparently all nusy of AG MG read $\bar{u}$ at the begronng, preceded by anusvàra at the end of the preceding pada (Stenzler assumes nui) The further corruption in MG seems an attempt to patch up a bad job, it imples adya-ïyavah 'may lives today reach thee '
magham (MS, but not KS $\dagger$, madyam) indriayn jabhrire VS MS KS TB 'Brought a grft (liquor) unto Indra ' Indra's well-known bibulous habits are reapunsble for the secondary ehange in MS, involving the misreading of $g h$ as $d y \quad$ Cf next
sa brbhedu balam (VS and Poona ed TB valam) magham (MS madynm) VS MS KS TB Cf pree
 no vinaklu TB TA. sarü vã̧̧̧ad dhav̧̌à värnah MS (Poona ed of

TB records v L'dya, and camm v. 1 adya) The MS is hopelesaly corrupt but has another graphuc corruption, ddh for oh, of \{875, see algo $\$ 838$
patam ma dydedprthav adydhnah (Kaus aghen nah, resd adydhnah) TS ApS Kaú́ See $\$ 840$
[kevalagho (TB keuladyo, but Poons ed. text and comm ${ }^{\circ} \mathrm{lagho}$ ) bhanath keraladi RV TH N Glose in TB comm papam eve sampldayalt na tu kimerd apn punyam!
[ea ghat (TB sadya, read with Poons ed text and comm sa ghd) no devah saunta sahava (TB saodya) RV MS SB TB AS SS]
lyad wight (TA uddya, but Poons ed wioha, and comm vo pha) salyam uta yan na urdma RV TS MS KS TA There le a V I vedya in TA Poona ed, but glose in comm (yad eva kimad) proves that be read $u d g h]$

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d \text { and } v
$$

8869. Under this head we find pnncipally s group of vanants between the atems dis and $v_{2} f$, both atems always appear in the plural number, of Wackernagel II 1 p 48, foot These are of courat nme words In every case except the first mentroned the ongmal form seems to contan uns There are, in addition, a couple of other macollaneous vanants between $d$ and $v$
devanim patnir (VS palnyo, MS patnayo) disah (MS KSA †ur\&ah) VS TS MS KSA The 'wives of the goda' must apparently be the 'directions', not 'trbes' This 2 s the only case of onginal did, and even it is perhaps not certann
 in AV, and so Pp reads
sakead prifah (TB digah) sauther davyasya RV TB The change in TB was perhapo due to assmilation in meaming to the parallel bhuvananz w the nert peds
usidm (TB didami) patir abhavad ndjuivin MS TB Indra is referred to, and the ongnal so doubtless vr\&am.
nto (SV duso) visud anu prabhuh (TB prabhu) RV SV MS TB Agn is mesnt.
hitsu kralum varuno (MS varunam) inkpv (RV apoo, MS dıkou) agnım RV VS $\dagger \mathrm{TS} \dagger \mathrm{MS} \mathrm{KS} \mathrm{SB} \dagger$
apa durharddr\&o jahi Kaú (read durhärdenso, Conc)
ut parjunyasya dhamabhih (TS TA ApMB surmena, MS dhamnd, KS vislyd, PG drityō) VSK TS MS KS TA AS PG ApMB
dhold undhald (MS dhartd indhartd) paramota samdrk (KS paramo no samerk) RV VS TS KS MS N samurk perhaps 'eelzer', certannly ufenor
avarphürjan erdyud (TS didywul) vaŗ̧an. TS MS KS
bhūmır the tuäbhipramanvate jansh AV yōm tud jano bhūmer ul pramardate VS MS KS SB The latter secondary and poor, Mahidhara, stauh, which the verb can hardly mean

## $s$ and $m$

$\$ 870$ Here the vanants are quite muscellaneous
krgyar tuā resasydyar (KS †sumanasydyar, bis) TS KS ApS Others, see $\S 867$ The ongınal ıs clearly susaryäyaı
agne yān deveñ ayād tán sasanusim (KS ma tan samanosintr, ed em samanatpir) hotrām MS KS TB The corrupt ms reading of KS seems to point towards the reading of MS TB, rather than towards Von Schroeder's emendation, which should probahly be replaced by the other versuon
prkyasya (ArS prak) uryno arupasya nü sahuh (ArS mahah) RV ArS AB KB AŚ SS Svidh Synonyms
atha jivah (KS adha ersitah, VS SB athaitam, AV adomadam) putum (AV annam) addhi prasuulah (TS MS KS pramukiah) AV I'S TS MS KS SB
graha unsúujanina nıyantar unprayăma te (MS pp unpraya, mate, KS nyantar vipra à †salt) MS KS
yasasendrdbrhaspat (ArS yako mendrá) ArS PG MG
$m \AA$ brähmanasya ( 3 c sé $b r^{\circ}$ ) rajanya AV 518 lc , 3c In the Berlın ed ma is misprinted for s $\alpha$ in 3 c , hence this is not recorded in Conc But it is a deliberste vanant with change of meaning, not a graphic error
mahas te sato mahund panasyate (SV panzstama) RV AV SV VS mahits te mahato mahimd AV The related words in the context have, of course, helped in the aecondary change to mahato
vahä̀r mä (KS tuahätor sà) sukitàm yalra lokdh (KS lokah) KS TB Certainly KS as econdary and mfenor, but so may refer to the juhū
tuapla devaih sahamana indrah MG tuasfar devebhis sahosdma indra ApMB
nildogalosaild AV nilogalamilah suvah pasyo NilarC' See $\$ 512$ Some copylst tred to correct the reading in NilarU , thunking of nilla-qala and mola
$t$ and $n$
§871 The vanants we bave noted are less numerous than might have been expected from the frequency of the sounds and the sumilanty of the forms of the letters Our list may be incomplete sa turan (SS ApS sanean) sanim sutrmucd vimufica KS SS ApS See $\$ 830$
tan md jırwa (KS marjulwa) TS MS KS See 88354, 829
dhatd udhatd (MS dhartd undhartā) paramota samditk (KS paramo na samurk) RV VS TS MS KS N See $\delta 835$
yad ejatı jagatı yac ca ceştatı tuämno (MahānU nänyo, v l mānyo) bhago yan (TAA Poona ed 'yam) ndmue (MahănU yaininn me, v 1 yan nömne) suchd TAA MahannU
upa stuhz (Poons ed snuhi) tam nrmidm (Poons ed nrmanam) athadram TA (Other forms, see $\$ 110$ ) The mss of the comm vary between sluhi and snuhz, glose bhümau prasràvaya, pointing to snuhz yām apite upathş̧hanta ūpah LS yūm apinàm upasidanty apah AV prapinam (MS v $1{ }^{\circ} \mathrm{tam}, \mathrm{TS} \mathrm{ApS}$ pritpyatam) agne samrasya (MS salhlarya) madhye VS TS KS ApS MS
ghrturt duhānd visuatah prapitāh (TB ApMB prapinēh, AVPpp prasinih ) RV AV VS TB ApMB
 TS TB
 VS TS MS KS SB Othery with aivilta iivnna, see Conc 188. grämam sajānayo †gachantı ApMB grāmärı zajātayo yantı HG
 virün mid nu rudra thämıto ( ${ }^{\circ}{ }^{2} n$ ) , md no uitrān rudra bhämıno see $\$ 209$
samtd bhrtyäm (KS me † manyām) TS KS See §̇342
$s$ and $p$
§872 The vanants are few
atho (LS ApS nir mā yamasya padbiśst (VS ${ }^{\circ} \mathrm{visdl}, \mathrm{LS}$ tisadvinśál) KV AV VS LS ApS See §217
vajırum верепа VS \&eқo vànnena MS But MS pp \&epah, read certaınly sepo
ye tetrsur (TB tātrpur) devalrā jehamarah RV AV MS TB AS SS. Kaus 'Thireted' 'delıghted'.

## $\triangle$ and prd

8873 In Devanägari, at least, these lettera are easily confused It in untereating that we find one vanant here mithun the RV itzelf uivo (and prävo) yuulhyanlam urpabham desadyum RV (both) asmd akmvann dsah AV - prdsmi abd atrnuan TA
dual tam (TA Conc prāvurtam, comm dvartam, Poona ed text and comm divar tam, so also KS me) indrah sacyd dhannanlam RV AV SV KS TA

$$
\because \text { and } p, p l, p r, b h, t
$$

§874 The remaining graphe vanants are more aporadic and we shall group them in our arrangement In the paragraph are included vanous other letters exchanging with : (on $s$ and $m$ see $\delta 870$ )
sutimam somasatsaru AV súsevam somapitharu (TS sumatzisaru) VS MS KS SB VaDh See $8180 \quad s$ and $p(t)$
rasena sam astkgmahi (RV agasmahı, KS LS aganmahz, AV JB aprkimahi) RV AV VS TS MS KS JB SB TB LS ApMB $s$ and $p$
[īplamı manah TS MS KS TB MS ApS So read in TB, for which Bibl Ind ed has àsam]
accyutım (AS pracyutım) jagharasyutim MS TB AS Preceded by a pada ending in acyutim (MS hastaryution) Perhaps the AS vanant (s pr) is not so much graphic as deliberately atyhatic (for the aske of variety)
anugräbas (PB anugrabhas) ca vrtrahan HV AV PB The oniginalisa nom pl of an-ugra PB misunderstands and rationalizes it, with graphic change of s to bh
yad adya dugdham prthuvim asrpla (TB ApS asaklu, MS abhakta) AB TB AS ApS MŚ Agan bh is secondary to $s$
uqne svam (TS TB svinm, SB ivam) youtm a side ridhyn (VS SB sädhuyã) VS TS MS KS SB TB sv $t v$, the latter secondary
gh and dh and other sumular letters
§875 The only common graphic interchange of gh, that with $d y$, has been treated in $\$ 868$ The shuft between $d h$ and $g h$ has phonetic aspects, see $\$ 147$ The rest are eporadic
 certannly cormpt, see Benfey's Nachtrage to SV text, p 258 Benfey cunously retaina ughe in his Glossary, but in his Translation subatitutes the proper name $A p v \bar{i}$ gh $p v$

## agdhdd eko 'huldd ekah TB adhodd eko 'dahd eko hulad ekah <br> ME

 odh dhe or ddh. ddh dv
ruvad dhokga (TB nrwodbhyo 'kpa) paprachanebher awah RV M8 AB KB. TB. The TB is secondary, ddh dbhy

$$
0 \text { and } 3,8, t r, t h
$$

\$878 Compare $£\{866$, 869 for $v$ and $c, d$
pra urohminam aursuh AV. VS SS pra samhrshnam ajıpuh LS The whole pasaage $2 s$ obscure, LS doubtless secondary, with j for v
urau (VSK urra) etam dhüraghau (VSK MS dhürvihau) VS VSK
TS SB MS Others, $\mathrm{\delta}_{122}$ y $v$
 TS KSA]
[pra yah satracod (TB a vacad, but comm and Poons ed text satrácá) manasa yajate (TB ${ }^{\circ}$ tav, Pouns ed text and comm ${ }^{\circ}$ te) RV TB]



$$
y \text { and } s, t h
$$

§877. For $u$ and $p$ see $£ 867$, for $d y$ and $g h, ~ § 868$
rguäh satīh kavazah (KSA kavayah) fumbhamàrąh VS TS MS KSA
See Keth's note on TS While the meanong of kavajah is quite uncertain, kavayah (found also in enme TS mas ) is prohahly noly a graphe lect fac
tad asya pryam abhz pãtho asyämı (TB asthüm, Poona ed asyom) HV MS AB ${ }^{2} \mathrm{~B}$ AS See $\$ 287$
apàmatyam ( AS apäm zttham) zva zambhara MS KS AS The AS 18 an absurd graphic blunder
 AS SS Here the reverse error, $y$ for $t h$, has occurred in SS, see $\$ 93$

## Miscellaneous

§878 Other miscellaneous vamants which may be graphic in character
aptye (AV *aproye, *dvisale) sam nayūman RV AV* The AV comm reads aplye for aproye But the vanant dorgate auggesta that apriye must have been known in vary early times, and indeed Ppp reada
apriye (Barret, JAOS 30 220) The RV anys 'We collect and heap (evils) upon (the acapegost, Trita) Aptya' The AV charmmonger knows hitle and cares lesa about tha old mythological character, with charactenstic practicality he heaps evils on 'the conemy' Without this intermediste step, in which the graphic resemblance fo ply to pr may have ahared, the further change to derpate would be unntelugible
 (V8 SB ${ }^{\circ}{ }^{\circ} \mathrm{ndm}_{m}$ oo 'ham) VS TS SB $\operatorname{sn}(\nu)$ pr Both words are obscure, Keith renders 'without handles' and oonjectures that MS KS meant the amme
pratiorutkayd artanam (TB rtulam) VS TB n. l. Posably phonetic, cf $\mathbf{5} 273$
 reading with TS $n l$, f preceding
anarsarälım (SV alargırülım) vasudàm upn otuht RV SV AV N See §292nl
tasuat parikupitena (HG ${ }^{\circ}$ pilens) ApMB HG il Oldenberg abandons the HG reading
abhe yo na emoyatz (AV no duranyati) RV AV The AV reading (found also in Ppp as durampatu, Barret, JAOS 26 210) is nearly a aynonym for that of RV, which 18 antiquated and lumited to RV $d u$ i
açsydma ( p amı, for abhz, syama) ufjane vivua ûti MS abhz syāma utjane sarvaurnüh RV KS c bh (note ppof MS)

## CHAPTER XXI SANDHI

§979. In the great mass of varanta concernug phonetic relations of vanous indindual sounds, already treated, mot a few really relate to sandh This has been pointed out in indiviffal instances as we have come to them They are, however, moatly so sporadic that they can hardly be sald to throw much light on the rules of sandhis as applied in the texts in general As instances we may refer to $8 \$ 142$ and 145 (gutturals and dentals), 148 (gutturals and labials), 308 f (nasal as 'Hiatusulger'), 338 ff and 359 ff ( $y$ and $v$ as 'Hiatustilger'), 709 and 731 (elision of final $a$ before utial e and $o$ ), and various parts of Chapter $X$, on interaal consonant assumulation
§880. We shall now present, as an appendux, a collection of varianta showing different treatments of vowels or consonants in sandh, which are sufficiently numerous in each rubnc to make worth whule an inveetigation of their bearnge on the rules of sandh1 We beleve that the resulta of thas inveatigation will be found very fruitful, not a few nuw pnnciples have come out of the atudy
8881. Regarding the interpretation of these materiala, a qeneral word of caution will not be out of place Changes in external asadin are matters of great delicacy and finesse In actual apeech they probably always varied to some extent, in different communities, in dufferent apeakers, perhapt even in the same apeaker at differept times On a number of pornts the Vedic grammatical authonties, the Prātisākhyas, reflect thus vanation by therr apparent confuiou nf statement The manuscripts on which our editiong are based are in general at least equally confured Modern editors sometunes ancrease the confuenn And if they are conecientious and deare to bring order into the chaos, they are often (quite naturally and inentably) at a loss how to proceed Shall they treat each occurrence of a given aandh-combination as a separate problem withnut reference to aimular cases, and print what the best manuscript evidence seems to suggeat for each individual word? Shall they, on the other haud, try to determine the usual procedure of their text, by considenng all analogous casea together, and then atandardize by printing them all allike? To what extent shall they be influenced by the usual procedure of other Vedic texts, of the same or
different achonla? These are some of the prohlema which 'confront every conscientious Vedic editor Different scholars have chosen different solutions, and in some esses a rather careful study of their critical notes is necersary to determine the actual usage of the texts
$\$ 882$ For these reasons the varasnts gathered from our actual pronted texts in certan of the sections on sandhi are of doubtiful value At tumes they tell us lese about Vedic ueage than about the idess of some modern editor We refer particularly to such matters as the treatment of fiual s before ablanta, 85969 ff But in spite of auch considerations, for which we have tried to make all duc allowance, there 18 no doubt of the value of most of the sections which follow And they frequently add a gooll deal to our knowkedge of the usages of vanoue Vedic echools This is notaby the case, for instance, with the 'abhunhita' sandhu (initial a after final e and $u$ )
§883 The followng matters of sandhi wrll be taken up, in the order indicated First, final au and o before initial vowels (except, in the case of 0 , imitial $a$ ) Next, the 'abhumhta' sandhu, final $e$ and $o$ before initial $a$ This is one of the most interesting sectione The vanants seen to us to indicite clearly that an attempt way made, at some tume or other, to standardize the witing of a after $e$ and $o$ in accordance with the pronunciation in metrical passages, for details see the section iteclf The only other case of vocalic sandlu is that of final a vowels followed by intial vocahc $r$, here new and interesting result: regarding the usage of various Vedic achoula appear
§884. Coming to consonantal sandhi, we take up first the triatment of final $n$, before vowels, and then before consunants Then the change of dental to lingual $n$, 10 which agan the vanons schools are stomen to have individual rules or teadencies Next the cases of final a beforc initial $t$, hagualized after non-a vowels in most texts, but regularly retained in the Tasttriya school (often also in KS) Regarding final $s$ before initial $k$ and $p$, the Taitiriya achool is ugaud exceptional in that it usually lew $h$, as in clasical Sanskrit, capecially after a vowels After a few casea of final $r$ beforc $k$ and $p$, we come to finsl $s$ befure an matal sibilant alone, and then before initial sibilant nlus conaonant, here, as firted above, we are mnre than usually doubtful of the value of the evidence No clear school tendencies appear in the master of initial a after final non-a vowels (sometimes kept, sometumes changes to s) We conclude with a section on secondary crasis or double vocabe eaudhi, and its converse, hatus between vowela, wluch proves to be in conaiderable part due to metncal coneiderations

## FINAL OA AND O BEFOR MNTLAY VOWELS

5006. Here are treated varlants concerming au before all initisl vowels and o before all except short a (abhimilta sandhi), which is treated in the gext section We find very definte scbool rules observed in this matter, to wit
(a) AV writes av for $a b$, but $a$ for $o$, without regard to the character of the followng vowel This is required by APr 221 f But once, wn a pasaage inhented from RV, AVS showa a for au before $u$, Ppp has the regular do
(b) All other schools treat at and $o$ in a quite analogous manner Thue Maitrayaniya and Käthaka texta, and VSK, write a for au and a for $o$ before all vowels This 18 prescribed by VPr 4 124, for the practice of VS see just below. The rule ta not quite without exceptions in Maitr texts, ef krnutam tāv adhoara jditavedasau MS 511327 So, at least, Knauer reads with no report of $v 1$ On the other hand, at MS 3514 c Knauer reads yatra cuatcutad agnīv evaital, without any ms authonty, the corrupt mss are closer to agnd, the expected form
(c) Taitiriya texta write dv and av before all vowela This is contrary to $\operatorname{TPr} 1019$, which preacnbes $a$ and $a$ But 1021 adds the opioion of another teacher who says di and av should always be wntten, this is favored by the comm on TPr, and is according to Weber the regular uage of the mss of TS The vananta indicate that it is also the regular usage of Tait, achool texts, at least in their mantra matenals
(d) Other schools-that 19 , those of RV, SV (very few iwstances), and VS -wnte $a$ and a before $u$ vowels, but $a v$ and $a v$ before other vowels So RPr 129 (29) and 135 (211), and so VPr 4125 gives the opinion of 'some' copposed to its own rule 4 124, quoted above
(e) To summanze before $u$-vowels, Tait texts mite $d v$ and av, AV writes $d v$ for $a u$ but $a$ for 0 , others $a$ and $a$
(f) Before other than $u$-vowela, Maitr texts, KS, and VSK write $a$ and $a, \mathrm{AV}$ writes $\AA v$ but $a$, all uthers $d v$ and $a v$
(g) In a few sporadic instances the final of voc sugg forms le retained without change before a followng vowel Cf Wackernagel I \$273b, the vanants show that the phenomenon is not quite so lumited as Wackernagel represents it
5007. The variants of au before $u$-vowels are the followng adounet devaksarena (MS KS ${ }^{\circ}$ rayd) prindpdnav (MS KS ${ }^{\circ} n d$ ) ud ajayatam TS MS KS
asd (ApS asdu-asdv) upahvayasoa SS ApS asmakam yond (ApS yonde) udare suleoth MS ApS
smam yaftam rusamana (TB. ${ }^{\circ}$ рdu) upetam MS TB
upasthe matuh surabhe (TS $\left.{ }^{\circ} b h \Delta v\right) ~ u ~ l o k e ~ R V ~ T S ~ M S ~ K S ~$
ubhd (AV wbhav) updndu prathama pibäva RV AV
urinoodv (TA urtis) arotrpa (AV TA "pdv) udumbalau (TA ulu*) RV AV.TA AB
kd (TA kctu, AV V8 km) ūrū pddo (TA $\dagger p d d \bar{a} u)$ ucyele RV AV VS. TA The only exception to the rule in AV Ppp (Barret, JAOS 42 113) reada pädà, regularly
davuya holarav ürdhvam (VS MS 'ra ürdhvam, KS hotärordhoam) VS TS MS KS $\dagger 18$ 17a In KS the form holdra, not ${ }^{\circ}$ rau, 18 concerned
na yord (TS yonīv) $u_{\S} \delta_{\delta} \bar{a}^{\circ}$ VS TS MS
raksohanau (VS SB ${ }^{\circ}$ nau vīm) valagahani (TS ApS ${ }^{\circ} h a n \delta v$ ) upa ${ }^{\circ}$ VS VSK TS KS SB ApS
syone krnudhuam surabhā (TS ${ }^{\circ} \mathrm{bh} \dot{\mathrm{Cu}}$ ) u u luke VS TS MS KS 6B
§887. The vanants of o before $u$-vowels are
upnena eāya (ApMB vāyav) udakenetı (with vart) AV SMB ApMB AG GG PG
deva vipna (ApS viprave) uri PB KS ApS MS
dive vd uzsna (TS. unsnav) uta vā prthuyuäh VS TS KS SB divo vana etc AV MS
maho vē visna (AV maho vi!na) uror antariksāt (TS visnav uta vāntarthpiti) AV VS TS KS SB
unsrue (TS ApS ingnav) urukraina VS TS MS SB ApS MS
$\$ 888$ The vanants of ac before other than $u$-vowels are
agndu (VSK MS KS MŚ agrā̃) agnı§ raratı pravış! ${ }^{\prime} h$ AV VS VSK TS MS KS SB AS ApS MS SMB, pratika, Vait KS Kaue GG agnīomāv (MS KS MS ${ }^{\circ}$ sonui) imam su the HV TS MS KS TB AS ApS MS SS
ajasya nabhdv (MS KS näbhd) athy ekam arprterm IRV VS TS MS KS asāv (MS KS MS asū) anu mī MS KS LS MS ApS
āyur dadhad yajñapatıv (MS KS ${ }^{\text {c }} \overline{\mathrm{L}}$ ) avzhrutam IRV SV ArS VS MS KS LS ApS
ımau bhadrau dhuryā̀ (MS $\left.{ }^{\circ} y u ̄\right) ~ a b h r ~ S V ~ M S ~ J A ~$
ustãv cham VS TS SB MS Aps KS ustì clum VSK KS In MS the rule 18 violated, no $v 1$ reported
gosaphe sakulav (VEK ${ }^{\circ} \overline{l a}$ ) vua AV VS VSK SS LS
tav (KS ta) eht sam TS KS SB TB ApS HG BrhU tue tha sam AV kive ehz (MG tū eva) vı AG SG PG MG ưv eha samn AB.
dikpreo 'yam asđ đmupydyanah MS MS adikpıpayam brahmano 'sav amupya . ApS
davyd holdrägn (KS AS ${ }^{\circ} \mathrm{O} n a, S S{ }^{\circ} \mathrm{rd}$ agna) ajyasya vtlam MS KS. AS SS Snce SS, if it atands for hotarau, 18 contrary to the rule which requires ${ }^{\circ}$ rāv, we should perbapa read hotaragria also in SS, or consider it a case of hiatue between hotara and agna, the other texts of course have the form hotara, not ${ }^{\text {r rau }}$ No v 1 reported for SS
nabhat ca mabhasyas ca mipikdy (VSK MS KS ${ }^{\circ} \mathrm{kd}$ ) ftū VS VSK MS TB SB KS
namucise (VSK MS KS ${ }^{\circ} \mathrm{c} \overline{\mathrm{c}}$ ) đsure bacd RV AV VS VSK MS KS SB TB ApS
paficabher dhäte ve dadhiv (MS KS dadhä) rdam TS MS KS But MS p p dadhe
prutram iva pitarūu (VSK MS KS ${ }^{\bullet}$ rā) aśvrnobhd RV AY VS VSK MS KS SB TB AS ApS
praz̧an samadhenir dghairdv äyyabhägdv (KSA aghära dyyabhágā) dfrutam TS KSA
madhavyau stokāv (MS ${ }^{\circ} h \bar{a}$ ) apa tau tarādha TS MS
muskōv (VSK mıukia) id asyd ejatah AV VS V8K SS
yajñasya yuktau đthurya (TB ApS ${ }^{\circ}$ yīv) ubhūtām (MS ${ }^{\circ}$ (häm) MS $\mathrm{KS} \dagger \mathrm{TB} \mathrm{ApS}$
yadè carıōnū mıthunãv (MS ${ }^{{ }^{\circ} n d}$ ) abhütàn RV MS N
yo 'sdu (MU 'sā̃) ãdutye puruşah so 'sav (MU 'ad) aham VS MU
rādhätısĭt sampricàıáv (MS MS ${ }^{\circ}$ or ${ }^{\circ} \gamma d$ ) asam MS SB KS. ApS MS
vrsruth sipirafa †ürdv (VSK †ürd) äsannah VS VSK sıpıuısfa †ūrā dsddyaminth KS
sacetasiv (VSK ${ }^{\circ}$ sā, MS samokasau sacetrañ) arepasau VS VSK MS SB samokasī̄v (KS ${ }^{\circ} s a \bar{a}$ ) arepasau TS Kg Kaus
samudhe agniv (VSK MS KS agnd) adh mämahinah VS VSK TS MS KS SB
bamrdjà (MS ${ }^{\circ}$ jā) arya bhuvanasya rāsithah RV MS
sarasvaltm akerndi (VSK MS KS ${ }^{\circ} \mathrm{nd}$ ) indram agnim VS VSK MS KS SB TB
sahad ca sahasyas ca hamantikd̃v (VSK MS KS $\left.{ }^{\circ} k a \bar{a}\right)$ riū VS VSK TS MS KS SB
upa (MS ula) no metrduarundv zhavatam (MS ${ }^{\circ} n a ̄$ thigatam) MS TB TA
Tlena sthūnã (MG rtek sthūna) adhr. ApMB HG MG
cena (TB tato) no mitrduarundi (MS ${ }^{\circ} \mathrm{nd}$ ) anisfam (TB avio) RV. M8. TB
madhus ca madhavad ca uásantikāv (VSK MS KS ${ }^{\circ} k \dot{d}$ ) $\boldsymbol{H u}$ VS VSK TS MS 58 8B

ydv (MS KS ya) atmanvad AV TS MS KS
agnem see yondu (VSK MS KS yond) abhdr ukhi VS VSK IS MS KS SB
ahav (MS KS ahā) anadala hale AV Ts MS KS
a tasthav (VSK MS KS uastha) amplan dive RV VS VSK TS MS KS SB


vdsantikāu (KS tme vãs ${ }^{\circ}$, MS KS ${ }^{\circ}(t k i ̄)$ tiū abhıkalpamdnah VS MS KS TB
Saızrive (MS ${ }^{\circ} r$ d, KS tme sutizrd) tha abhikalpamanah TS MS KS SB
 SB
 KS SB
ko nu vīm mutrāvanınāo (MS ${ }^{\circ} \mathrm{mu}$ ) thìyan RV MS KB S̄B
 KS SB
devi uqdsdu (VSK MS ${ }^{\text {a }}$ sd) astrnā VS VSK MS TB
datvyā̀ (VSK ${ }^{\circ} y d$ ) adhearyḕ à gatam VS VSK SS
dhanasatav (VSK MS KS ${ }^{\circ}$ tā) ihavatu VS VSK TS MS KS
prahargino (KS ma ${ }^{\circ}$ nam, ed em) madirasya made mrsaeaiv (KS $\left.{ }^{\circ} s \bar{a}\right)$ astu KS ApS

yajnasya pakga (TS ${ }^{\text {a }} \mathrm{\beta} \mathrm{av}$ ) tyayo bhavante TS MS KS
yat prthevyam yad urdv (VSK MS KS urā) antankge VS VSK TS MS KS SB
yd (AV omits) rajanye dundhubhav (KS $\dagger{ }^{\circ} b h i \overline{)}$ ) ayatiydm AV KS TB
 tmau (Kaus you) te paksã (VSK MS KS pakī̄) ajarau patatritiau (VSK TS $\dagger$ KS ${ }^{\text {a }}$ nah) V'S VSK TS MS KS ŚB Kaus rajdnah samitdu (VSK MS KS ${ }^{\circ} t \bar{a}$ ) wa RV VS VSK TS MS KS wilyara drohanavihdo (KSA "hā) anaduähau TS KSA
venubhiram gurāv (KSA girā) ıva TS KSA TB
bacyd hart dhanulardv (KS ${ }^{\circ}$ rd) atasta RV KS
 KS SB
südräryã (VSK MS Ks ${ }^{\text {º }} \mathrm{ya}$ ) aspjyetam VS VSK TS MS KS SB bris ca te laksmis ca palnyāv (VSK ${ }^{\circ} n y(\bar{a})$ [ahorätre] VS VSK sam yđu apnestho (MS yā aprahstho) apaseva jarín RV MS sajosavaiv (VSK ${ }^{\circ}$ sfi) asunnd danaobhth VS VSK SB
 V'SK KB (The RV repetition 18 omitted in RVRep) somarudrav (MS ${ }^{\circ}$ dria) iha au mrdalam nah RV AV MS staume devóv (MS KS deva) aternau näthito jnhavīm: TS MS KS

 hemantaxifiriv (VSK MS KS $\left.{ }^{\circ} r a ̄\right)$ ftū (TS ftūnäm) VS VSK TS MS KS SB
hotārāu (VSK MS ${ }^{\circ}$ rá) indram asmini VS VSK MS TB
hotdrãu (VSK MS KS ${ }^{\circ} \mathrm{ra}$ ) zudram prathamí suvich VS VSK MS K8 TB
$\$ 889$ The vanants of o before other thau $u$-vowela are ubhayebhyah pra akkisā gavzstau (VSK gurstau) HV VS VSK kunt au no ganstaye (MS KS gavsfaye) RV SV TS MS KS AB AS ApS
ye sümbare hanvo ye gavistru (TSK galsfur) RV VS VSK AB KB
eko bahūnām ast maryain iditah (AV manya thita) HV AV
tami teä ghrtasnav (VOK ${ }^{\circ}$ sruc) tmahe RV SV VSK ŚB
lave wiyau (VSK rāya) thaspale RV VS VSK SB
nıyuùudn vayav (VSK ıāya) í gahı RV ArS VS VSK
neyudluhr vdyev (VSK MS KS väya) istaye durone RV VS VSK TS MS KS
nuyudbher (AV veyupbher) mīyav (AV VSK MS vdya) iha AV VS VSK MS SB TA AS S'S ApS
mattràvarunaxya camasiadhvaryan (MS ${ }^{\circ} y a$ ) ddrava (ehi) TS SB KS ApS MS
unaf te vistay (KS inşna) dsa a krnomi RV SV TS KS AS oy astabhnä (etc, §137) rodasi uspnav (VSK MS KS vişna) ele RV VS VSK MS KS SB TA
schasah sunav (MS KS süna) ahula RV TS MS KS
$\$ 890$ In the following $o$ of voc aing 18 retanned without change sa no mayobhūh pito (AS SG PG SMB [Jorgensen] pitav) ā̀náava (AS ànetcha) TS TB AS SG PG SMB usev adhuaryav đdhduve ${ }^{\circ}$ SS unv adhvaryo indrãya AB AS
brhaspatioulasya ta (MS tā, KS omita) indo (MS KS inda) indrio TS MS KS brhaspatisutasya deva soma th inda indri VSK

## INITIAL $a$ after final e and $o$

5891 In the great mass of vananta under this heading, the initial a is in one form elided as in classical Sansknt (abhumhta), while in the other form hoth the $a$ and the final diphthong are left unchanged in moting A few cases of different and anomalous treatment will be mentioned at the end of the section Diaregarding them for the moment we shall consider the writing or elision of $a$ On the probable actual pronunciation of $e, o$ when folliwed by written $a$, see Wackernagel I p 324, the diphthong was, at he says, no doubt regularly pronounced in some way as a short vowel, but the vanauts throw no light on thas question
§892 On the principlea governing wring or elanon of initial a after $e$ and $o$ the Prätusākhyas give no help Boled down, their atatements amount only to this, that the $a$ is sometimes writen and sonuetimes elided VPr 478 specifiea that it is generally written in verses ( $\tau k \leqslant s u$ )
§893 Early atatementa in western grammere adll hitile except that in metncal pasages the meter shows that the a was generally pronounced, whether writen or not, tho it is generally ountted in wnting, whether pronounced or not Whitney, Grammar $\S 135 \mathrm{c}$, says epecifically that there is no 'accordance in respect to the combination in question between the wntten aud the spoken fonn of the text '
§894 Yet us long ago as 1862, in his note to APr 3 54, Whiney himself ahowed, from a count of AV mstances, that
(a) In pruse passager, a is omitted seven tumes out of emht
(b) In metrical pasages where the meter indicutey elision (we shall use this familiar term, altho doubtless 'absorption' would be more accurate, cf Wackernagel, l c, p 324, bottom) of $a$, it is omitted in writing alx tumes out of scven
(c) In metncal pasegges wher the meter indicates fironunciation of $a$, it 19 whiten mine times out of ten, except that at the beginang of a pada in the middle of a verge-hne, where of course it is always pronounced, it 19 onintted in writing four times out of five
$\$ 895$ If these facta are at all typical of Vedic worka in general, and there a reason to belleve that they are, they oeem to undicate that at some time in the hustory of our tradition an attempt was made to make the writing conforin to certain definite standards, which had some relation to actual pronunciation The etatement quoted above from

Whitney's Grammar is therefore exaggerated, to say the least To be sure, the attempt was either incompletely carned out, or else its resulte have been somewhat diaturbed by later copyiata and redactora Cf OIdenberg, Proleg 460 f, Wackernagel I p 325

## General practice of Vedic texts

8896 Before summanizing the evidence of the vanants, we shall venture a statement of what seems to us to bave been the general procedure in the Vedic tradition Apparently this tradition was fied at a time when the usual custom was to elide the $a$, as in clasaical Sanskit But thnse who established the norm in the Vedic texts were quite aware of the fact that these texts themselves, by their meter, indicated that the a frequently, if not uaually, bad to be pronounced As a concession to the observed fact, or perhaps, more accurately, in order to help in the proper recitation of the Vedic texta, they undertook to write the a in cases where the meter required its pronunciation, leaving it unwntien in the comparatively rare casea where the meter required its omasion, and in prose generally Only when the a came at the beginning of a pada in the middle of a line, the a was eluded in writing, in accordance with the general custom of the time when the redaction was carned out, perbapa for the very reason that no confusion or error of pronunciation could well arne in auch cases That ia since the a would have to be pronounced in every auch case, its omisaion in writing, according to the usual rule of the time, was considered allowable
5897. Thus, except in the last-mentioned case, an attempt was made to conform spelling to onginal pronunciation of the metrical texts, while in prose texts the a tended to be omitted Exceptions may often be explaned as due to carelessness or ignorance, whether on the part of the onginal redactore who apphed the rules, or on the part of later copyrats or reciters

## Eviderce of the varianis

$\$ 888$ In unterpreting the beanng of the variants on these rules, we must remember that they are a apecially selected group, and make allowance for the pnociple of selection Thus, first, they cannot in the nature of things take note of the cases in which initial $a$ is elided at the begnoung of a pada All such padan are necesaanly proted in the Concordance, and in the lianants, with initial $a$, whereas, as we have seen, according to Whitney the $a$ is elided in four-fifths of such cases
in the AV, and much more regularly in the RV In fact, $\operatorname{RPr} 138$
(2 13) requires that a should never be wntten in this position
$\$ 890$ Secondly, every one of our vanante containa, by definition, at least one instance, in some text or other, of both posaible forms $a$ wntten and $a$ elided This means that invariably, except in the few cases in which a pada can be read metncally pither with or without pronunciation of $a$, at learet one of the texts quoted violates the general rule Consequently, statistica based on uur vanante cannot posably be expected to agree precisely with the rules laid down in $\$ 896$ If, despite this artificial weighting of the acales in favor of the advocatua diaboli, the varianta ncvertheless show a definite tendency in favor of the rules as atated, this rasy be conaridered a valuable cunfirmation of them And such, we think, is the case
§900. The extent to which vananta may be triated as representing general usage may be tested by companng the AV pasages found among them with Whitney's statistics for the entire AV, mentioned in §894 Thus in metncal passages where a 18 pronounced, Whitney found it written in mine-tenths of the cases, the vanants have it writen in more than two-thirds, ur nearly five-seventhe of auch cases (26 out of 38) In metncal passages where a 15 not. pronounced, Whitney found it omitied in exx-sevenths of the cases, the vanants show it omitted in all the anx casea which occur The prose vanants from AV are very few (only 5), in two of them a is written, in three elded, whereas Whitney reports ellsion in seven-eighths of the prome cases These correspondences eugreat that when the vanants occur in considerable numbers, they may be taken as a farr index of conditions in the texts as a whole

## Metrical passages

8901 The $a$ is pronounced in 59 metrical padar amung the vanants, it is not pronounced in 10 In 24 it may be read either way, or the readinge are changed in other reapects so that hoth furma of the vanant are metncal as writen

8902 When the $a$ is shown by the meter to he pronounced, it is also writen in nearly two-thurds of the cases in all texts together (213 to 117) In general, the proportion is higher in the older texta Thus RV, written 21 tumes, omitted 4, AV 25 to 12, TS 19 to 7, M3 24 tu 9 But it ia lower than the general average in VS ( 10 to 6 ) and KS ( 20 to 16) SV forms a striking exception, among the vanants it has a Fritten only once, omitted 4 tumes Ita school texts show that this is no
somdent due to the small numbers, they also wnite a 3 tures and umit it 8 tumes The SV echool clearly tended agamst the writing of $a$, in accord whth clasaical Sanaknt uage (we shall aee below that in prose texta, aleo, the dropping of a predominates in the SV echool much more than in the others) While the SV and its achool texta are the only ones that show a majonty for dropping $a$ when it is pronounced, Iater texts in general show a growng teadency to do eo, approaching the classical norm Thus RV achool texta have it written 14 times, omitted 11 tumes (aganast RV itself 21 to 4)
fe0s When the $a$ ia shown by the meter not to be pronounced, it is also omitted in writing in five-sevenths of the casea in all texts together (46 to 19) The cases are too few to make it aufe to set up rules for the individual schools

8904 Thus we see that in all metncal padas the writing is consistent with the pronunciation in nearly two-thirds of the cases (259 to 136), whether the meter requires pronunciation of $a$ or the reverse In the few casta where it is possible to read the pada metncally either way, We have given the wntten text the benefit of the doubt, assuming that it was pronounced when wntten, not pronounced when omitted in wring They are nut numerous cnough to affect the result, and our procedure sapme justifird by the evidenep of other casen where there 19 no ambiguity

## Prose paxsages

§905 In the prose variants the schoul texts of SV show a considerable preponderance of ehded over written a ( 12 to 1), and the same tendency, tho less decisive, is noticeable in the Taitiriya school, which shows elision in two-thurds of the cases (49 to 25) Other texts show no very marked tendency to either direction MS has a majority for a writen (21 to 15), but its school texte are nearly even The totals for all prose passages are 105 wntten, 151 elided Contrast thes with 232 wntten, 163 eluded among the metncal vanants ( 213 to 117 where the meter showe that $a$ was pronounced)

## Table of final a wruten or umitted after e and o

8808. The figures in the fulluwing table are worth quoting, tho perhaps not to be taken too absolutely As atated above, when the meter pennite either pronumciation or ehanion of $a$, we azsume conelstency of wnting and pronunciation Repetitions of the same formula in the same text, with or without modulations in the adjoining worde, are noit counted

| texts | metmical pabeagey |  |  |  | \|phosi panagies |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Writing and prununciation conematedt |  | Writing and pronunciation inconsistent |  |  |  |
|  |  |  |  |  |  | 光 |
| RV | 21 | 0 | 4 | 0 | 0 | 0 |
| RVKh | 1 | 0 | 1 | 0 | 0 | 0 |
| RV school texts | 14 | 2 | 11 | 1 | 9 | 14 |
| 3V | 1 | 0 | 4 | 0 | 0 | 0 |
| SV schnol texte | 3 | 0 | 8 | 1 | 1 | 12 |
| AV | 25 | 6 | 12 | 0 | 2 | 3 |
| AV school texts | 4 | 1 | 1 | 0 | 1 | 2 |
| VS | 10 | '2 | 6 | 2 | 13 | 13 |
| VSK | 2 | 1 | 0 | 0 | 0 | 2 |
| SB | 8 | 0 | 5 | 1 | 8 | 10 |
| Other V'̄̇j school | 5 | 1 | 4 | 0 | 0 | 3 |
| TS | 19 | 6 | 7 | 2 | 10 | 20 |
| TB | 17 | 2 | 9 | 0 | 3 | 8 |
| ApS | 10 | 0 | 7 | 4 | 8 | 11 |
| Other Tast school | 10 | 3 | 6 | 2 | 4 | 10 |


| TExts | matacal pansagia |  |  |  | prose pabages |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Writing and pronunciation consistent |  | Writiga and pronunciation 1nconsintent |  |  |  |
|  |  |  |  |  | 星 0 0 0 0 | 苟 |
| MS | 24 | 6 | 9 | 3 | 21 | 15 |
| Maitr achool | 14 | 5 | 2 | 0 | 9 | 7 |
| KS | 20 | 8 | 16 | 3 | 15 | 18 |
| Late and mame | 5 | 3 | 5 | 0 | 1 | 3 |
| Totala | 213 | 46 | 117 | 19 | 105 | 151 |

8907. We now proceed to last the vamant passagea, beginning with the metncal ones, and first with those in which the meter indicates that the a was pronounced, whether written or not (59 items) so adhuaran (AV Kaú 'dhvardnı) sa rün kalpayãtı RV AV TS MS KS SB Kaú
anumate 'nu (KapS $\dagger$ anu) manyasva tua zdam (AV 'ne idam manyasua)
AY KS Keps (quoted m note to KS ) anumale 'nu manyasva (prose) GG KhG HG ApG
nur amumi bhaja yo 'mitro anya TB nzy fam bhaja yo amuto asya AV tatra fismye 'ja ekapdah AV $\dagger 1316$ tammin chifriye aja ekapat TB lesäm yo ajydnım (PG 'Jyanım) ajłım dvahät (SMB Conc ajìım avahah, but Jorgensen as other texts) T8 SMB PG BDh rco akpare (NrpU 'kjare) parame vyoman RV AV GB TB TA SvetU NrpU N
yasmajj jito na paro 'nyo (SS anyo) antı JB SS yasmãd anyo na paro astı jatah PB yasmin na jätah paro anyo astz (NrpU 'stı) VS TB ApS Mahand NrpU
ye ugnayah (TS KS TB Aps 'gnayah) a manasah (KS adds nacelnmah) VS TS MS KS SB TB. ApS MS
lam tud usive avantu (AV 'oandu) devah AV ApMB HG A very poor pads but intended for tristubh
yo 'syese denpado yas catuspadah AV ya tre asya (MS KS * ise yo amya) derpadas catuspadah RV VS TS M8 KS (both)

kuch kukre ahany ojusind (MS ahann ojarine, KS tàukro ohany ogasye, AS 'hany n̄naiñàm) TS MS KS AS
süryo ahobher (KS suryo [migpnnt] 'hobhrr) anu tvivatu KS TB
so asman (MS asmán) adhipnitin karotu TS MS so 'sman adhıpatin kprotu SS
sväm tanvam (TS TB иалucam) varuno 'susot (TS TB afrstet) TS MS KS TB It would be forcing probabilites to comprese the MS KS reading to an arubstubh
agurt ajaro 'bhavat sahobhih MS uyner amrto abhavad vayobhich (KS sahobhih) RV VS TS KS SB ApMB
nn ta urva renukakalo asnute (AV 'brute) RV AV KS TB AS Many AV mss read astule
adhe bruvantu te 'vantu (TS TB Aps aiantu) asman RV AV VS TS MS KS TB ApS
anīkner dvess ardaya (SS 'rdaya) MS SS
annam payo reto asmaisu (SB 'smãsv) dhutla (MS ApS dhehr) VS MS KS SB TB SS ApS
anyam te asman ( $\mathrm{N}_{\mathrm{rp}} \mathrm{U}$ 'sman) m vapantu senih IRV TS N rpU anya 'nyo (Valt -anyo) bhanatı varno asya TB Vait
avärtjo apo (TB 'po) achī samudгam KV MS KS TB
pra vartayn divo asmànam (AV 'imanami, v 1 as ${ }^{\circ}$ ) indra RV AV
prothad aśvn na yanase 'insyan (TS avzşan) RV SV VS TS MS KS SB
namo astu (MS 'stu) pardyate AV MS
priàño ngäma (TA prañjo 'gāmai) nflaye hrsāya RV AV TA
payo orhesu payo 'stu tan mah MS payo vatrems payo attu tan mayr AB TB AS ApS
ye agnayah pāñcajanyđh (MS purīginah) VS SB MS ye 'pnayah purisyäh (KS ${ }^{\circ}$ prnah) TS KS ApS JLB
dhate samudro apa (AG 'va) hants pāpam AG PG $d h^{\circ}$ sa abhayain krnotu MG
8ısū kriduntanu parı yäto adhvaram (AV arnavam, and 'rnavam) RV AV MS TB
namo astu (VS SB KS PG NIlarU 'stu) sarpebhyah RVKb VS TS MS KS SB KS ApS MS PG ApMB HG MG Nilarl ye 'do (MS ami) rocane divah RVKh TS MS ApMB yo asyâh prthevās tvact TB ApS yn'syàh (80 all mss but nne, and so Conc, but ed $\dagger$ arydh) prthrud adhe wact MS
yo nah sto (AV suo yo) aravah (SV 'ranah) RV SV AV AG SG Oldenberg, Proleg 40, thinks of inserting yo in RV, tho he falls to note that AV reads ao
uazsedrato adabdhas (AV no adabdhas, TA me 'dabdhas, MS ApS 'dabdhas) tanüpãh AV VS MS SB TA ApS SMB
ko ambüdarate (AS'mbí ) dadat MS AS
mayd so unrum ( AV ' $n$ nam) att yo ypasyath RV AV
ındra vajequ no 'va (TB ava, KS vaha) RV AV SV ArS MS KS TB yad va me apn (Ls' ' $p$, Vait apa) gachate AS Vait LS ye agnayo duvo ye pitheydh MS ApS MS ye 'gnayo dvo ye 'nlanksal KS (wiongly printed ay prose in ed)
ye agnadagdhü ye arugnidagdhäh (TB Poons ed $\dagger$ ' $n n a n 1^{\circ}$, so v 1 of AV) RV AV TB AŚ ye aqnısuättā ye 'nagnzsuältäh (VS anagnic) vS TB ApS
sà tuam asy amo 'ham (SB BŗU PG amo aham, ApMB amūham, MG appy amo 'ham) KS JUB SB BrbU AG SG PG ApMH MG sa tuam asy amo 'ham AB

te asmat (TS 'smat) prisän pra muñcantr enasah (TS anhasah) AV TS divo antebhyns (KS 'nte ${ }^{\circ}$ ) parn RV SV KS
yo adya (PB 'dya) saumyo ( AV senyn) eadhah AV PB AS - Ppp 'dya ace to Roth
vyä̆gro vaıyäghre adhı (TB 'dht) KS TB ryäghro adh vaıyäghre AV ye annesu (VS KS 'nnesu) uvidhyantı VS TS MS KS varjisithe adhl (KS 'dhl) nake TS KS TB rdjä me pràno amptam (TB 'mrtam) lS + MS KS TB
 agan, KS etu) AV MS KS TB AS
vrsayamàno 'verizua ( AV av') somam KV AV TB
sawtaye 'bhnnititydhe (PG abha ${ }^{\circ}$ ) TS KS MS SMB PG
krnväno (KS kurvàno) anyãn (TS KS ApS $\dagger$ anyãn, MS anyan, KS $\dagger$ 'nyïn) adharün sapatıàn AV TS MS KS KS ApS
srnvanty (PB ${ }^{\text {t }} v$ ) apo adha ( PB ' 'thah) kyarattih RV PB so adhvará (AB 'dhvará karatı) jâtavedāh AB SB Cadenced prose, ef $k_{\text {r }}$ notu so
annapate 'nnarya (MS KS MS MG $a \pi^{\circ}$ ) no deh ${ }^{2}$ VS TS MS KS SB TB ApS MS PrānãgU ag SG MG SMB Intended for triptubh
ayam yo asya yasya ta ıdam firah MS ayam yo 's yasya ta idam sirrah KS ApS
[yo arya kaupthya jagalah MS yo 'sya kuusthya (KS ${ }^{\circ}$ (ha) $j^{\circ}{ }^{\circ} \mathrm{KS}$ TA ApS So Conc, but Van Gelder's ed reads 'sya for MS without $v$ 1]
[aramitram no (VSK me) adharäk (AV ${ }^{\circ}$ rat) AV VSK $\dagger \mathrm{KS}$ Conc 'dhardk for V'SK $]$
[brhaspute abhtsater (AV ed 'bh2') amuñcah AV VS TS MS KS TAA But read $a b h^{\circ}$ in AV, aee Whiney's note]
6908 In the next group, a much smaller one, contanning 10 itema, the a seems not to bave been pronounced, whether written or elided namu 'stu (TS KS untu) nilagrivàgu (NilarU nülaıikhandēyn) VS TS KS NilarU BrhPDh
vituasmaz bhütāya dhruro (TS Ap'S bhütāyādhvaro) astu (Ts' 'in, MS $\dagger$ 'stu) devīh (TS nmits) TS KS ApS MS

ye te 'ryamun (KS aryan ) bahato devayainih. TS MS KS $\dagger 10$ 1.1a
vajunām väjo 'vatu blakşo asmän VSK víjnuam bhakģn nualu vijn asmī̀n ApS
yn 'gnm (AS ugnmm) hutiram arthah TS AS SS $\dagger$
jälavedo maruto adbhis ('I'H 'dbhli.) tomayztṻ TB ApS
kgamad devo 'ti duriting (TA MahānU ati durıtaly) agn,h AV TA MahāuU
aghorebhyo 'thn (MS athn) ghorebhyah MS TA MahanU
yd́s ra deryo artán abhito totantha SMB yā́s ca gnä devyo 'ntān abhth 'tatananta (mss tatantha) MG See $\$ 63$ The meter is poor in any cace
§909 We now come to the third group of metrical vanauts, 24 in number, in which the surrounding conditions are so flexible metricully tbat the a may either be pronounced or not (in which wase we assume that it was pronounced when written, and not pronuunced when not. written), or in which there are further changes in the pida which alter the metrical conditions
anv adya no anumath (AV Kaus 'nu') AV MS SS MS Kaus yđn aqnayo amatapyınta (TS 'rva') dhzinyāh AV TS MS
ye asmen (KS 'smin) mahnty arnaue MS KS MS
jyok kpatre'dhi jagarit Al' jyng rāstrc adh jägarat HG
jyok srotre 'तhl (HG adhi) Jăgamt AV HG
anlarikse adhy ('TS KS 'dhy) àsute TS MS KS MŚ
saruibhyo abhayam (TB 'bhayam) karat RV AV TB N
garbho asy (MS 'sy) osadhinãm AV VS TS MS KS śB Vait-Ppp also 'sy (Barret JAOS 48 38)
lanvo adya (MS 'dya) dadhatu me AV MS
vasanto asyastd (VS 'ryäsid) djyam RV AV VS TA The meter of VS (with djuam) eems eagner
satyam it tan natwaiān (MS ${ }^{\circ} v a n t$ ) anyo astı (MS 'atr) RV MS KS TB
The meter of MS (tudvant) is ufenor
ye'rman abhyaghdyanta AV vo amain abhyaghdyatı AV
urubhyàm le asphtuadbhyam (ApMB 'stht ${ }^{\circ}$ ) RV AV ApMB
te asma apnayo (MS ${ }^{\circ} y e$, v $1{ }^{\circ} y o$ ) dravnam dateva MS ApS te 'sma agnaye dravndnz dattuá KS The meter of MS ApS 18 very poor ovelem no abh1 (KS 'bh2) vasiyo (AV vasyo) nayantu AV TS KS avplam tw 'bhe vasyo nayantu KS MS
sirgaya udho 'dilyá (VSK $\dagger$ KŜ $\dagger$ adılyā, KS aditer) upasthe VSK TS KS SS KS
eko vo devo apy (AV 'py) atiythat AV MS eko devo apy atisthat TS KS Only MS is certainly inconsistent (a wniten but not pronounced) bhesujan gave sfodyu (MS asuāya) VS TS MS SB LS bhesajam guve 'fuāya pursqüya KS In the last the attaching of purısaya to this pada makes the elision of $a$ better metncally
$m d$ va env anyakrlam bhujema HV ma vayum env 'nyakrtam bhujema KS In both forms of this vanant the mrting and pronunciation are consistent
usm u dhirdso anudisya yajante VS SB (a not pronounced) um dhtrdsah kavayo ' $n u d i$ syaynaanta MS (kavayo lonks Like a secondary intrusinn, of KS in next form, withnut it $a-n n^{\circ}$ would have to be
 anudrsyäyajanta kavayah) VSK TS KS TB (a pronounced)
anyañs le asman (KS anye 'sman) nveapantu lith MS KS Doth wntings are getrical VS TS have anyam asman neva ${ }^{\circ}$ ish, wheh ı infenor to both MS and KS
yad väto apo (MS MS 'po) agantgar (TS KSA ApS agamat) VS TS MS KSA ApS MS Wring and pronunciation are conastent in all texts except VS, where one of the intial a's mint be omitted in reading, tho both are written
yo agrau тulto yo upso anteh AV (intended for tristubb, reading agnau, apsu, and perhapa rud-r-a, but more likely a syllable ahort) yo 'pnau rudro yo 'psv antah SurasU (meant for anuptubh, 'gnau, 'psu) yo rudro agnau yo apsu (MS rudro 'psu yo 'gnau) ya osadhқu TS ApS MS (tnstubl, 'onau, 'pou inconsistent with the miting of TS ApS ) yo rudro agnau yo apmu, (then as new pada, correct Conc ) ya oyadhiru yo vanaspalifu KS (writing and pronunciation consistent)
so asmann patu sarvalah AV so 'smen patu (prose) TS
8908. There follow the prose vanants, which number 53
abhaufm vo 'bhayam nu astu (AB AS me 't(u) AB AS SS abhayam me astu (AB $\dagger$ 'stu) AB Aps
 (VS $\dagger$ SB $\dagger$ apa ${ }^{\circ}, \mathrm{TB} \dagger$ palydya, ApS ${ }^{\circ} y o r j a p a(y d y a)$ VS MS SB TB AS Aps
elanz te aghntye (PB 'ghrye) namañ TS PB eta te aghnye namant VS SB MS In the last, an attempt has been made to make metrical a pasage which was most assuredy prose to begin with This metrical form is not counted in our tuble, the $a$ - may or may not bave been pronounced (aghnye or 'ghnıye)
 yo 'smän (MS MS asmän) dveşlı yam (AV adds ca) vayam dvismah av vs TS MS KS SB tb ta MahănU Kbu jub as SS LS KS ApS MS Kaus HG BDh This extremely common phrase secms always to be written with asmin in texts of the Maitr echool, with 'smuin in all others, if the editions are to be trusted For other formulas contanang it see the Conc under it, and ulso lam abhz soca yo 'smin ete, agne yal le lapas (trjas, 'rclv, Sures, haras) ete, lasya nummi vrscimiz ete, ny uham lam mrdyãsain yo †armän (ApS 'sminn) ete MS ApS $\dagger 618$ 2, abhy uham tam bhüyđsam etc, prīham lam attbhūyäsam (ApS tabhı${ }^{\circ}$ ) etc, vy aean yo etc, durmiträs (or the like) etc
devinaim tvà patnir detit sadhasthe añqrastud (TS "ingto VS TS MS KS SB The same mith aditis (vü ('its tvá), dhiyanâa tvã, varuilrayo (etc ), gnàs tva
akrilyaı praynıe 'gnaye (MS KS aqnaye) suähī VS TS MS KS Sb Aps The same with medhäyar munaye, sarastatyaı püsne, and dìhsaya tаразе
agneh (also, indrasyn, vostesùm devãnām) priyam patho 'pîh (TS apiht) Vo 8 so, V'SK 8224 , TS SB 115912
yo matlasyă diso abhrdàsàt (five fommulas) MS agnem (also, indram, mitrãvarunau, romam) sa (TB sa dısäm devatãnän) rchatu yo matasyat (KS ${ }^{\circ}$ syū̃) dì̀o 'bhrdāaulı KS TB ApS
namo agrıyäya (VS KS 'oryàya, MS 'grìyäya) VS TS MS KS namo agrevadhaya (MS KS 'gre ${ }^{\circ}$ ) VS MS TS KS ramo aparasadbhyah ( PB and v 1 of MS 'para${ }^{\circ}$ ) PB MS namo 'brebhyo (TS a $\dot{b}^{\circ}$ ) 'svapatiblyad ca VS TS $\dagger$ MS KS namas te astu (PB JB LS SMB 'stu) VS TS MS KS AB PB JB

SB TB TA TAA AS SS Ls aps MS ag Kbus smb apmb ApG Occura frequently, and apparently always with astu except in SV texts, which read 'stu
namo vo 'stu (AS SS astu) VS PB AS SS Vait SMB Here, in curnous contrast with the preceding, the SMB reade astu according to Jorgensen's edition (not in the Conc ), while 'stu is read by VS and Vait
tebhyo namo attu (PG 'str) VS MS KS PG SB
namo 'өnaya (ApS aqraya) upadrasife SS Aps
namo attu (VS SB 'stu) rudrebhyo ye antarikse (VS KS SB 'ntani) VS MS KS SB MS Also namo astu (VS SB KS 'stu) $\pi 0^{0}$ ye din (and, prthuryam) VS MS KS SB KS MS
namo mahadbhyo arbhakebhyas (KS 'rbha') ca VS KS namo brhadbhyo 'rbhakebhyns en MS MS
numo rathbhyo arathebhyas (TS 'rathe ${ }^{\circ}$ ) ca VS TS
yo no antz sapatı tam etena jeşam MS yo nue ntz düre 'raitiyatz lam etena jesam TS
rudro 'gnì (MS agnit) MS TA SS
rudro 'dhıpath (MS adhic ${ }^{\circ}$ MS TA
tasyipo apsarnasa (KS $\dagger$ 'psn', MS 'psarasā) ūro nàma (TS 'psaraso mulah) VS TS MS KS SB
dhūrta ( $\mathrm{KS}{ }^{\circ}$ le) namas te aötu (KS 'stu) KS ApS dhürte namunte (?) astu MS

präno agnih PrênăpU prīno 'gnih MU
madhu hutam indrutame agnau (LS 'ynau) VS SB LS hutam haver indrutame'gnau MS AB TA AS SS
ye devá duvbhägn (MS "gdh stha) ye antarikyabhigui (TS KS 'ntario) TS MS. KS
stwam prajübhyo 'hinsar:tam (KS $\dagger$ ahen ${ }^{\circ}$ ) sadhasthe (VS SB ${ }^{\circ}$ sthad) ngnem (TS 'gnem) VS TS MS KS SB-KS punctuates before agnim, so that elision of 418 impossible
sujür ubdu ayavobhıh (TS ApS 'yãvabhzh) VS TS SB ApS
samudhal-Eamidho 'gne-'grua (SS 'dho ugnu, MS $\dagger^{\circ}$ dhu 'gnä) äjyasya ryantu AS SS MS samedhe agna (MS agni) ujyasya MS KS TB MS
suyame me adya ApS sūyame me 'dya MS
agrar adha vyyalto auyäm KS agnır nıyutto 'syäm TS
agne yal te 'res. (MS arcis) tena AV MS KS ApS

tam ( $\mathrm{KS}+\mathrm{tat}$ ) tvendragrahu sahu yun me 'stı ( ApS astı) tena KS ApS tam tuă pre visimi aaha yon me 'xte terus AV
dzso a abhy abhüd ayam MS KS MS diśo 'bhy ayam rajuäbhül TS TB Semblance of meter, perbaps to be clased with metrical variants antımıtras' (TS andycmı') ca dūre-amitraś (MS 'mitraś) ca ganah VS TS MS KS
ardho achetah (TS ApS 'chetah) VS TS KS ApS Ed of KS 'chetah, but the sole ms aschetah
apägne agnım (TS MS TB MS ApS 'gnım) ïmädam jahı VS TS MS KS SB TB ApS MS
apsu dhautasya yo asvasanzs (KS 'sua ${ }^{\circ}$ ) MS KS yo blakpo aívavanir TS
ávohyīm tıroahnıyinnim (MS tırohnyīnime) sominóm anubrüh ApS MS Algo tıroahnıyān (MS asvibhyā̀n lırohnyān) somän prasthitūn presya ApŚ MS
ürdhun adhyarn avthül (VS EB 'dhuare ästhät, KS 'dheare sthüh, Apś adhuare sthuit) YS MS KS SB ApS
apn demir agrepunn agregum TS TB denir apn 'greguon 'yrentyn MS MS deñripo uqrepuah preman KS
ye devih purahsoulo (an also TS , for which Conc $\dagger$ parah ${ }^{\circ}$ ) 'gnenetrā (MS agn ${ }^{\circ}$ ) TS MS KS BDh
dhuïrva tam yo 'smin thirmatz VS TS SB TB dheara dhearantain yo asmūr، dhvaràt MS
agnes te 'grum TS ugnas te agram MS
somo 'smākam (KS asmº brähmuninām rājā VS VSK TS MS KS $S B$ TB MS ApS
suadhü pıltbhyo 'ntariksasadbhynh (AV aılar ${ }^{\circ}$, GG $\dagger$ 'ntario') AV ApS MS GG HG
yo asmı so asmi AV ?/o'smz sa san yaje MS KS AB yo 'hamasmisa sпn yaje TB Aps
tutho vo viśsaved in inhajalu rarssithe athi (KS 'dha) nike TS MS KS
nera.sto ughasansah (ApS'oha) KS Aps
[devo narāsansn 'grau ( S'S $^{\dagger} \dagger$ 'grṻ) vasuvane vasidikeyasya vetu AS SS Cone quates agné for $\mathrm{S}_{\mathrm{S}} \mathrm{S}$ ]
[yenu turyena brahmanä brhuspataye 'pavathās JB yena rūpena prajapataye $\dagger$ 'vzpathās (Cone ana ${ }^{\circ}$ ) KS ]
6911 Very sporadically, other forrus of sandh between final $e$ and antial a uccur among the varinits for a angle cage of $y$ as 'Histuatılger' developed between $e$ and $a$, see $\S 33 y$ In addition, there ale a few
varianta which seem to point to a posesble resolution of e into ay before $a$ and $d$, but formal dufferences are always conoerned, so that the vernation $1 s$ never one of sandhu pure and aumple
we a (8V waya) bhüpanti vedhosah RV SV A loc in RV 18 replaced by an instr in SV , with resolution of $e$ to $a y$, thus ture however before long $\bar{a}$
ubhe sd asyobhayasya (AV asyobhe asya) rajalah RV AV Followed by ubhe yatate ubhayasya (AV ubhe asya) pusyalah RV AV The verse 18 myatic and obscure If the AV text is nght, it seems to have understood the ongual ubhay- as representing ubhe, perhaps under mfluence of suggeation from the preceding ubhe, so that we shnuld have just the reverse of the resolution in question Whitney tranalatea the pnor päda according to the RV reading, but keeps the AV reading in the second
6912. By a misquotation in the Conc we would seem to have a angle amilar case of $a v$ for $o$ before $a$
dydudprthiv uro anlankpa VS VSK MS KS SB, the Conc quotes urav for uro in VSK But the actual text 18 ury If the text as pnated (with arlariksa, not ${ }^{\circ} k s a m$ ) 18 nght , it is an illogical blend of this with the other form of the vanant, dydva ${ }^{\circ}$ urv antankam AV TS

## UANDHI OF $G$-VOFELS WITH FOLLOWING $r$

§913 The variants indicate the following school tendencies Rigvedic and Vajasaneyn texts write $a-r$ for both $a$ and $a$ followed by $r$ This is prescnbed by $\operatorname{RPr} 136$ (2 11) and VPr 448 (which gives $a-r$ for $\alpha-r$ and makes no reference to $a-r$, implyng no change)

6914 Tattiriya texts and KS wnte ar for both a and a followed by $r$. as presenbed by TPr 108 So does LS in the angle vanant noted

8915 The rule of APr 346 is luse that of TPr, ar for both $\bar{\alpha}-\mathrm{r}$ and $a-r$ But the mas of $A V$, acconding to Whitney's note on this passage, follow this rule in general only when the $r$ a not followed by a slbilant, when a abilant follows they generally wite $a-r$ (because of suarabhakti, Whitney on APr 1 101) There are exceptions in the mss, and the Berhn edition, says Whitney, dose not always follow ether the mse or the Pratisalshya rule, nor any consastent practice As to the vanants noted, the Berlon edition (and ponsequently the Conc) agrees throout with what Whitney tells us is the general pracuce of the mss, namely, ar for buth $a-r$ and $a-r$ except when a aibilant follows, in that case a-T Both Vait and Kaus sometumes wnte ar even when a subilant follows, the instances recorded are few
8916. Matriyaniya texta regularly write $\delta-r$ and $a-\tau$ without change Occasionally, however, they seem to shorten d to $a$, so in one vanant, see yad didayac ( ${ }^{\circ} y a f f$ ) etc, 8918 Two vanants occur no which final a 19 lengthened to a before $t$ in MS, these may be regarded as casea of rhythmic lengthening of final $a$, of $\$ \S 452$ and 458 They are found below in $\$ 919$ yadra r\&ayo jagmuh and yend tsayas lapasi There is even one vanant in which complete sandb, ar, ta apparently found for d-rin MS
savitre warbhumate (VS SB tva rbhu ${ }^{3}$, MS tvarbhui) VS MS SB
TA Thes sandhe 19 umque among the MS vanants It is perhaps worth noting that two mas read suarbhü ${ }^{\circ}$, but ppted, $\quad$ bhu ${ }^{\circ} \quad$ Cf \$549, and W'ackernagel I \$267ac, note, which 18 somewhat masleading or at least incomplete as regards MS.
8917. It may be noted that in metncal pareages the meter regularly indicates complete fusion (as if ar) in all vanante, even for texts which write the $r$-vowel separately

There are a very few real or apparent exceptions to the above rules, beades those noted for MS, attention will be called to them as they occur
$\delta 918$ The following are the caget concerning a followed by $T$ savire tuarbhumate (VS SB tva rbhu, MS tuarbhü ${ }^{\circ}$ ) VS MS SB TA See $\$ 916$
yad dindayac chatara (MS ${ }^{\circ} y a \bar{n}$ tavnaa, TS ${ }^{\circ}$ bí) rlaprajáta (KS chavasarta ${ }^{\circ}$ ) RV VS TS MS KS AB This is the only case in which MS shortens a to $a$, see $\$ 916$ The TS reading 13 due to the fact that the word happens to end a kardike, which alwaye auspends all sandhi, it 15 no real exception to the Tait. practice
dvä yantārà bhatatas tatha ftuh (TS KSA tathartuh, ME lathd fiuh) HV VS TS KSA MS
agnezıhvebhyas (MS agnthuarebhyas) tvarläyubhya[h] (MS tud riāa) TS MS KS
yatha mant samnayãmasz (AV yathamam samrayandi) RV AV
yatha rlava (AV TA yathartaun) rtubher yant sōthu (AV säkam, TA klpläh) RV AV TA

 tapasarsayah (Mahand © sargayah) suvar (TB,svar) anvavindan TB TA MahānU The Mahand reading 18 exceptional, but is repeated in the comm, which calld special attention to the sandb, refering to Pan 61128
vayo rathah satyavartmaryurafmih AV yo wim ratha gurabmik satyadharmā TS MS KS Here only AV has this sandhu, the other texts atand for rathas plus $刀 u^{\circ}$ Note, bnwever, that the meter favors the pronunciation ratharru', with double crasis, even in the YV texta
[ensuädhika rudro mahargih (TA Conc maharinh, but Poona ed correctly maharysh) TA MahānU]
§919 The rest are cases of short a followed by $r$
yatra ŗaya (MS yatra $r^{\circ}$, KS yatrar ${ }^{3}$ ) jagmuh VS MS KS SB On the MS forma of the and the next of $\{816$
yena rbayas (MS MS yenā $r^{\circ}$, TS KS ApS yenare) lupasa VS TS MS KS SB ApS KS MS Cf prec
yatrarsayah (Kauk yatra rs ${ }^{\circ}$ ) prathamajã ye (Kaus ${ }^{0} j a ̄ h$, om ye) purīnoh TS TB ApS Kaus
sdradenu (also, sus.sirena, tasantena, hemantena) tuna (KS TB ${ }^{\circ}$ narturā̀) VS MS KS TB KS
 KS SB
 sthurtivedhah TS
medhām saptu rsayo (ApMB saptar ${ }^{\circ}$ ) daduh ApMB RVKh But Scheftelowitz reads saptarjayo also in RV'Kh
svähāktosyı sam u trpnulit tohavah (TB [so Poona ed] Aps trpnu(arbhamh) RV TH A A S
brähmanam adya pilhyūnam (KS adyardh ${ }^{\circ}$ ) MS KS MS tasya rksāminy (TS KS tasyark ${ }^{\circ}$ ) VS TS MS KS SB
 - MS KS TB
avaryaı badhāyopamanthitīram (TB avarlyaı †vadhia ${ }^{-3}$, so Poona ed) VS TB
yathäham bharuta ryabha (SS bharatarji${ }^{\circ}$ ) AB SS The only irregular case in SS or any RV text among the vanants No v 1 is recorde.d
yebhyo na fte (TS KS narte) pavate dhamakineana VS TS MS KS SB varurasya ptasadanam (KS ${ }^{\circ}$ syurta") as2 VS KS SB varunasya rlasudany (ApS ${ }^{\circ}$ syarta") ast VS SB KS ApS
 lenarsinā (MS AS tena rsirāa) TS MS TB AE ApS srula rsim (TB srutitsim) ugram ubhimalısāham RV MS TB sevo me saplarsīn (KŚ MS sapta rīin) TS Valt KS MS Note ar in Vait even before a subilant, of $\S 915$
salyad (VS fukras) ca ptapat (TS KS carta ${ }^{\circ}$ ) cälyanhäh VS TS MS KS saptarbayah (VS MS sapta $r^{\circ}$ ) sapta dhãva priyünz VS TS MS Ks
 because a kandikd ends here, it is no real exception to the rule sapta ryayo (TS KS saptarº 'sryyanta VS TS MS KS SB saplarsīiam (ApS Kané saptar${ }^{\circ}$ ) suktlam yatra whah Valt KS MS ApS Kaní Note ar in Kaué even before a sibilant (une my ar), cf 8915
saplaritn (ApS saplarsiñ) jınva ApS KS
upahüld dhenuh (SB gī̀ah) vaharşabtīā (SB ${ }^{\circ} b h a h, A S S S \dagger$ saharjabhā) TS TB SB AS SS Irregular sandhin SB
upa mí (AS SS muim) thenuh saharsabhā (AS SS sahary ${ }^{\circ}$ ) TB AS SS
indrartubher brahmanā vävodhinuh T'B ApS indra rbhubher brahrnanā samendīnah SS
indro tedyãt saha rizbhih (KS sahars ${ }^{\circ}$ ) RV AV KS ApMB In ApMB we must certannly read suharsibhith with four mss, in ar:cord with Talt usage, Winternitz prints saha $T^{\circ}$ with only one ms
upa riabhayga (TB LS' upars ${ }^{\circ}$ ) relast (AV yad retal) RV AV TB LS indräya riabhena VS indrayarsabhená.,nbhyān sarasuatyai TB mairl no narnam erlsuminush AV nen na män mava at samãnoh TA nem na pmiun mavän ipsanuinah MS Only AV has thes sandh ( $n a$, mam), the othere nas, $r^{-}$
yatrís sapta fsin (TS KS yatra saptarsīn) para ehan ôhuh RV VS TS MS KS N
yathatka rior (KS okurjur) vininate KS TA ApS Ouly KS has this eandh, the ot hers eka(h) tsit, two words

## tandhi Of final $n$

§920 On the subject the vamants thruw hitle new hght School tendencies are seldom discernible, when they do seem to appear, other known facts sometimes throw doubt on the value of this evidence

## I Finsl $n$ before initial vowels

§921 All the variant pasizages concern forms winch originally (prehustorically) ended in $s$, except a smuall group, manly locative singulars of $n$-stemis, in which the conding $n$ (appeaning as $n n$ ) varips witl $n y$ These, of course, really concern morphology and not phonetics, they hardly belong in this place

## 1 Final an before vowels

6922 The Pratisalihyas in general ( $\operatorname{RPr} 284$ [4 26], VPr 3 141, APr 2 27) make anusvira the rule, but with numerous exceptions, Whitney's note says that AV more often retains $n$ TPr 9 20-24 gives detaled rulea and exceptions, whthout any generalization, Whitney's note ( p 225) states that TS retaina $n$ five thmes out of ax

6823 Our varants are as confused as would be expected from these statementa It happes that those occurning in TS show anusvara more often than $n$, but us is probably accidental in vew of Whitney's statement just quod." Martr texts and KS show abolit as many cases of one alternative as of the other But as to Maitr texta, when they change $n$ to anusvara, they generally also shorten the preceding a to $a$, ef Schroeder, MS, Einletung, p XXIX When this shortening of a 18 the only difference in the readings of a variant, we bave not troubled to record it The vananta fall naturally into three divisions accusativea plural, nominatives angular, and s-anata (only one of the last)

5924 The cases involving accusatives plural in $\delta n$ are

MS KS TA The anme with vayug (AV $\dagger$ (än)
agne devdn (MS devañ, SG devinn) tha vaha RV AV SV VS TS MS KS TB AS SS ApS SG The isolated form of SG is auspicious (mispnat or error?)
aly anyān (VS SB anyāñ) agām nānyān (VS SB rānyãn) upāgam VS TS MS KS SB MS ApS
atha (VS SB adhä) sapatnãn (KS twicet ${ }^{\circ} n a n$, TS twice ${ }^{\circ} n i n$, once ${ }^{1} n \overline{\mathrm{a}} \mathrm{n}$ ) indro me VS TS MS KS SB ApS MS
asmān (MS KS asmän) u devã RV SV TS VS MS KS
rdásmärı anu castán ohrtena ApS MS udawāsmañ anu vastām uratena AV
unnayña svän (MS svan, AV svān) ahum AV VS TS MS KS SB TA
etal tvam deer soma devin (TS KS ApS devan) upägäh VS KS TS SB Aps devan updurtuch MS
krnuäno (KS kurvóno) anyan (TS KS ApS †anyän, KS 'nyān) adharān sapainon AV TS MS KS KS ApS
jambhyars (KS ${ }^{\circ}$ yebhzs) taskarān ( $\mathrm{KS}{ }^{\circ}{ }^{\circ}$ rān) uta VS TS KS jambhdbhyäm taskaran ( $\mathrm{p} p{ }^{\text {'ran }}$ ) uta MS
 R. Aps MS
mi so asmat avahdya pard gal TS ned eso arman avahäyn pardyat MS maipo asmãn avahdya pardgāt KS
 MS KS SB KS Valt
yá devir arlan abhito daulanta AV yäs ca devīr (SMB deayo) artín etc ApMB SMB HG ydés ca gnā devyo 'rtān etc MG
rakgohamitrdn (VS ${ }^{\text {ºtran }}$ ) apabedhamarah RV AV SV is TS MS KS
vejo devan (MS KS devãn) rtubhth kalpayatı VS TS MS KS
sarvan (MS ${ }^{\circ} \mathrm{van}$ ) agnint aprusado huve vah (MS omits vah) TS MS AV suein agnīn apsusado havamahe AV
sarvän apa yajáman Kauś sarwin ava yajāmahe $\mathrm{KS} \dagger \mathrm{TB}$ TAA Aps ao asmā̀n (MS asmān) adhrpatin karotu TS MS so 'sman adhupatin krnotu SS
ye 'smin abhyaghayardı AV yo asmãn abhyaghayad AV
§925 Nominativee ungular in in are concerned in the followng agnth prainduīn (MS ${ }^{0}$ van, KS ${ }^{\circ} \mathrm{vd} n$ ) tha tat MS KS ApS

 ciketuin (MS ${ }^{\circ}$ vinn) anu manyatdm TS KS MS pumain enam tanuta ut krnatli RV puman enad vayaty udgrinati AV
 ${ }^{\text {a }}$ vain) uta VS TS MS KS NilarU payasvăn (TS TB ApMB ${ }^{\circ}$ vān) agna ägamam AV VS TS MS KS JB SB TB LS ApMB
pra yo jajñe viderin (AV vidvīn) asya bandhum (AV ${ }^{0}$ dhuh) AY TS KS havismān (KS ${ }^{\text {c }}$ mān) astı süryah VS TS MS KS SB [adha tucsiman abhy njasd IRV SV $\dagger$ (Conc tvieimain for SV)]
§826 We have noted only a single case involving an aonst form savitä jyster ur ayär ( K S ayän, MS ayan) ajasram RV VS TS MS kS SB

## 2 Final in and $u \bar{n}$ before vowels

§927 For this sandhu $\operatorname{RPr} 289$ (4 29) requires $\mathfrak{\Sigma n r}, \bar{u} n r$ The other Prs allow thas also in specific cases, but it is very rare in other texts than RV See APr 229 and Whitney's note, TPr 920 and Whitney's note, VPr 3140 The vanants include very few cases, not enough to justify deductions
sarvdn (MS ${ }^{\circ} \mathrm{vañ}$ ) agnitir apsusado huve vah (MS omat.g vah) TS MS AB suän agnin apsusado havämahe AV
padd panint (SV panin ) arddhasah RV SV AV
rlūnr (TB rlūn) anyo vdodhaj RV AV MS TB
rtūn (AV rlūnr) ulstjate vasi AV SV TB AS SS
[trato bhümir dhärayan (MS 'yañs) trīnt uta dyün RV TS MS KS AS
In this vanant the pnnted text of MS reads torinr, with nasal eonsonant $n$, instead of trinr This reading, which the Conc ignorea, is no doubt merely a slip, or a bad writing, for trine]

## 3 Final $n n$ varying with $n y$ before vowela

§928. As remarked above, §921, thes 18 really a morphological matter, not one of phonetics The few casee are chiefy locatives singular of n-ateme
asinin brahmany asmin karmany AV asmin brahmany admin ksatre (SS adds 'smin karmany) KS SS asmin brahmann. asmin karmann (PG karmany) TS ApS PG te nah pānte asmin brahmany asyinn purodhüyom asmen karmany MS
älmann (ISAU ${ }^{\circ} n y$ ) eurnupakyalz VS ISaU
sucih sukre ahany ojasinni (MS ahann ojasine, KS †tukro ahany ojasye, AS 'hany ojasindm) TS MS KS AS
[duye dhamarin (once ${ }^{\circ} r y$ ace to Conc) upahütah (once ${ }^{\circ}{ }^{\circ} \bar{n}$ ) TB (both)
But Poons ed dhimann both tines ]
[trtīye dhīmany abhy (V'S dhämann adhy) azrayanta VS TS MahănU
So Conc, but TA MahãnU both have dhämãny, ace plur]
One isolated case concerning verb forms
ajany apnir hotí (ApS ajann ngnih) KS ApS See VVIp 51

## II Final $n$ before initial consonants

§929 Before voiceless mutes, as is well known, the usage vanes The insertion of a sibilant, before which $n$ becomes anusuīra, iy commoner in later texta thanin $R V$

## 1 Final $n$ before c

§930 $\operatorname{HPr} 228$ (4 4) requires $\bar{n}$, but numerous exceptions are meutoned, of 293f (4 32) VPr 3133 and $\operatorname{APr} 226$ require nis, and eo does $\operatorname{TPr} 520 f$, with a few exceptions Whitney's note on APr 1 c eaye that this rule 18 unversally followed in the nuse and text of AV, a statement wheh 18 true only if the twentueth book of AV be excluded from conalderation (the Pr in fact does not deal with Book 20) In AV 20, and nccabionally elsewhere, we find $n$ represented by anusvira without an inserted sibilant The varianta are
ackertuān (AV ${ }^{\circ} v d n f$ ) cikilupas cid atra RV AV
 arminn: (RV KS asmañ) rukre manyasyn medhí liV MS KS Most mse of MS asmuin (with dental $n$ ), $v 1$ of KS uismins

tàm aırayan's candramawz suadhäbhih MS KS yäm aırayans (TS ${ }^{\circ}$ yañ) etc VS TS SB
mahah pntum papveāñ (AV 20, ${ }^{\circ}$ vāñ) cārv annā RV AV vajriñ (AV 20, SV najrın) citrübhur ütıbhih RV AV SV MS asmiñ̄ (SV aman) riträbhur avatäd abhaslthhih RV SV

## 2 Final $n$ before ${ }^{2}$

\$931. The usage fuctuates here also $\operatorname{RPr} 295$ (4 33) imphes that it is exceptional to insert the sibilant, by quinting a few casce in which this is done So alao $\operatorname{TPr} 614$ In the few vamants found, the KV and TS sehnole, and KS, generally kepp the nasal unchanged On the other hand APr 226 aud $\operatorname{VPr} 3134$ require nes, tho both allow ex ceptions The variants from these schools are dot inconsigtent herewith, and Matr texts seem also to favor $n$ s But the number of vananta 1 s too small to be conclusive Besides the wringer $n$ and ris, a couple of casea of $n$ alone without the eibitant nccur, as hefore $c$, above, and before J, belnw, probably this is to be regarded as a bad writing for $n$
§932 The following variants occur,
agner ayasman sa t'arunspatibher dyysman (PG KS ${ }^{\text {emains) tena (KS }}$
tasyii) TS KS PG ApMB (in the last with punctuation after àyusmañ
asmanı ( KS asmann) te ksul VS TS MS KS SB KS ApÉ thawa san tatra sato vo agnayah TH thana san (MS sani) tatra santam tuăgne TB AS MŚs
tabman (Valt MS ${ }^{\circ}$ mins) tad eno RV TAA Valt MS tzsro bhümir dhärayan (MS ajnirs) triar (MS tevt terinr) uta dyün RV TS MS KS AS
patūñ (RV pasiñn) tãnśs cakre vãyanyān RV AV VS TA jūpun (SB TB $p$ ūsans) tavn "rate vayam RV AV IS SB TB AS SS sarman (MS karmans) te syäma MS KS TA tava syāma sarmany trivarū̀he VS lava syäm sarman trivarülta TS dhaman (AG dhäman) te msuam RV VS KS AS ApS AG sG brahmana (MS KS brahmálns) tram (MS tuam me) brahmā̀s VS MS KS SB MS brahnalin (TB ${ }^{\circ}$ mäan ) tvam rāann brahnuais TS TB ApS (in the last with punctuation after brahmainn)
[brahman wam ast MahandU, ace wh Cone brahman etce in TA, but the Poons ed. of TA reads brahman]

## 3 Final $n$ before $J$

§933 The usual atatements (eg Wackernagel I §280a) make no mention of any other possibility than assumiation of $n$ to $n$ This is prescribed by the $\operatorname{Prătısākhyas~} \operatorname{RPr} 228$ (4 4), APr 2 11, $\operatorname{TPr} 5$ 24 , VPr 492 For $\bar{n}$ the spelling $n$ occurs very commonly in mss of many, perhaps most, texts Thus in the AV mss, according to Whitaey (note to $\operatorname{APr} 1 \mathrm{c}$ ), it is the commoncet writing in this case, and has been gencrahzed in the Bcrin ed. Whitney, however, feels it as merely another way of wring $\pi$ before 3 , and as such it is doubtless alwaye to be taken A modern editor would no doubt prefer to write $\bar{n}$ We find, in fact, $n i n$ all the AV vamants, and also in SV in the two varints recorded there (But in ArS once $n$ ) Compare the like wning before $c$ and $t$, above

5934 The vananta from VS and SB, following Weber's editiona, prat dental $n$ before j, not $\pi$ Why Weber adopted this practice does not appear, his note on VPr 1 e ( $1 S t 4$ 237) seems to indicate that at least the excellent Chambers mss follow the Pratisakhyn Perhaps some of his other mas keep dental $n$, f be gives information on the subject we have not noted the fact Altho we can hardly attnbute any importance to the recorded readings of VS and SB on this point, we report them in accordance with Weber Note that the comm on VPr 492 quot.pe as an example of the mule ayam vījdī jayalu, VS 5 37, which Weher prints vijjān
§935 According to Von Schroeder's edition, MS alan reada $n$, not $n$, wefore $j$ in all the variant passages noted The sole vanant noted from another Maitr school text is MS 163 15b, where Knauer's edition reade orhañ jugupalam yuvam with a majonty of has mas, but againat that which he regards as the best, its reading is grhan, which 18 the reading found in the corresponding MS passage according to Von Schroeder -KS usually reads $n$, but once $n$ (yat te armin etc , below) Most other texts read $\bar{n}$, except in so far as they show $n$ (cf above)

8836 The following are the vanants udya devā̈̄ (VS devan) jusfatamo ho gamyäh RV VS TS KSA ahins ca sarvan (TS KS sarvañ) jambhayan (KS ${ }^{\circ} y a$ ) VS TS MS KS àyusman (PG ApMB ${ }^{\circ} \mathrm{man} \tilde{n}, \mathrm{KVKh}$ VS ${ }^{\circ} \mathrm{man} n$ ) jaradautır RVKh AV VS AG PG ApMB Scheftelowitz reads ayusman for RVKh The mas of PG have corruptly ayusyam
kam agan (AV agan) janayopanah RV AV N
garbhah samjdyase punah MS garbhe van (VS SB san, KS samn-) jo $p^{0}$ RV VS TS KS SB
lam arcusd sphürjayañ (AV ${ }^{\circ} y a n$ ) jãtavedah RV AV
tram eldn (AV etín) janardjno denr dafa RV AV
te ammin (TS KS asmiñ) javain
devdn (RV TB devan) jrgati sumnayuh RV MS SB TB
pafyañ (AV ọyant) janmänı sïrya RV AV ArS N
pıīn (KS prit̄n) jızwa TS KS PB Vait KS ApS ojasä pulibhyah plīn ıınva MS
prajah krnvan janayan urrūpāh MS prajd orkrneañ (ApS vikurvañ) janayan virüpam (ApS $\left.{ }^{\circ} \mathrm{paih}\right) \mathrm{KS}$ Aps
praly ajūtān (AV ${ }^{\text {ºān, }}$ TS KS TA ${ }^{\circ}$ lañ) solavedo nudarra AV VS VSK TS MS KS TA
märe asman maghavan (SV ${ }^{\circ} \mathrm{van}$ ) syok kah RV SV
yat te asmin ghoru dsan juhomz KS yad adya le ghora doan juhomı MS yaryds te ghora dsan $j u^{\circ}$ VS SB yaryās te arydh kriza āsant $u^{\circ} \mathrm{TS}$ ApS Exception in KS
yäns (TA Poona ed tyı̆s) te soma prañäna tán (Poona ed tān, MabānU ( $4 \bar{n}$ ) juhomi TA MahānU
nubhrajןā̄ (AV SV ajan) jyotisd suah RV AV SV vetrüni vertrahañ (AV ©han) jahi IRV AV
satyänfle avapasyañ (AV ${ }^{\circ} y a n, ~ M S ~{ }^{\circ} y a n$ ) janairam RV AV TS MS
ApMB This 18 quoted by APr 211 as an example of $n$ before $j^{\prime}$ suptarsiñ (KS saptarsin) jınva KS ApS
Lgrhān (MS orhē̄n, read grhēr, see above, §935) jugupalam yuvam MS MS ]

## 4 Final $n$ before

$\oint 937$ Befure \&, the regular sandhi of $n$ requires $\bar{n}$, which however $1 s$ often wntten $n$, and seems regularly to be pnated so in the editions of SV and AV The of changes to ach (representiog $t-\delta)$ But in the aingle vanant noted from the YV Sainhitas, TS alone has this regular $\bar{n}$-ch, MS and VS keep $\frac{1}{\text { unchanged, MS wnting } n \boldsymbol{n} \text { before it and VS }}$ $n$, the sole ms of KSA reads like VS, but von Scbroeder emended to nich in his edition This exceptional treatment is due to the fact that a mute follows 8 , in which case $\dot{s}$ is retaned by VPr 494 We begn with thes venant
 VS TS MS KSA.
asmin (AV asmin) chūra savane madayasva RV AV
tam nah prisañ chvatamdm erayasva HG usm pūpañ (AV pügan) ch ${ }^{\circ}$ RV AV ApMB
dive $\beta a n ̃$ (AV san, SV san) chukra âtalah RV AV SV
maghavan (AV SV PB TB Conc ${ }^{\text {ovan, }}$ TB Poons ed ${ }^{\circ} v a n ̃$ ) chagdhr RV AV SV PB TB TA ApS MahânU
yicchresthäbhır maghavai chūra grnva RV ydvacchresthebher maghavan chưra AV
yat te mijan (AG rdjati) chptam haver RV AG SG

parâciṣ müradevañ (AV ${ }^{\circ} \mathrm{van}$ ) chmihi RV AV
pralyañcam arkam anayan̄ (AV ${ }^{\circ}$ yarı) chacübhih liV AV
satam hemaneañ (AV otan) chatam uvasantãn RV AV $N$

## 5 Final $n$ before $s$

§938 Before $s$, the insertion of $t$ after final $n$ is required by $\operatorname{APr} 29$ and $\operatorname{TPr} 533$, and authonzed by 'some' according to $\operatorname{RPr} 236$ (4 6), of the divergent news recorded in $V \operatorname{Pr} 414 \mathrm{f}$ It is quite common in all texta, likewisc the analogous insertion of $k$ after Gnal $n$ before s Cf Wackernagel I $\S 282$ The Concordanca ignores altogether the writing of $t$ in auch cases It has not seemed protitable to try to collect and aift ita occurrencea We therefore record here only a faw atray cases in which final $n$ before s vanes with anuaniona, most of them concern san sam, in the latter case the preposition anin being felt ag involved
brahman (LS * brahman) stosyūmah pralāslah KB GB. SB AS SS Valt LS (bis) ApS MS
stsavàry san (MS sam) stūyase RV VS TS MS KS SB The pp of MS san, all samih mas sam The other texte all actually read sant, except KS sant
promdnanm vardhatame mayz SG (Conc eays that this is an error for puman samvar ${ }^{\circ}$, but the text ts correct, see 897) pumin samvarlatam mayi PG
Jthed pauntram abvivisan (TB ${ }^{\circ}$ rad sum) saramalĩ VS MS KS TB
8939 To thespe may yadded a couple of casea-probably not a complete lut-tin whick pralyañ (VS TB MS А SB * TB pralyañk) somo alddrutah (with var) AV VS VSK MS TS KS SB TB ApS Ponna ed of TB pratyan
prā̄̄̄ (VS. TB proñk) somo alıdrutah VS VSK SB TB ApS Agan Poons ed of TB prdn

## 6 Final $n$ hefore $p$

6940 The only cases noted concern $n \bar{j} \not \approx y$ or $n \bar{j} n h$ for $n \dot{q} n$, since this vanation really concerns final a before $k$ and $p$, we quote the variants below under that beading, $\$ 965$

## 7 Final $n$ before $k$

\$911 Only a bingle case has been noted, AV writes jayam (jayan) for jayan according to the edition, but Whitney and the Conc would read jayan In any case it is purely a matter of orthography samjayan (AV ed jayım) kiçcrānz AV TS MS KS KS

## 8 Final $n$ before $y$

6942 See RPr 287 (4 28), VPr 3 135, Wackernagel I §281a, Maednaell 77 2d
dadhanvin (MS KS $\left.{ }^{\circ} v a ̄ n, ~ V S ~ S B ~ T B ~{ }^{\circ}{ }^{\prime} \dot{a}\right)$ yo naryo apsv arlar a HV SV Vs MS KS SB TB

## 9 Final $n$ before $l$

8943 Two variants
agnis fan (VS tan, AS täl) lokät pra nudäly (etc) asmat VS SB AS SS
ApS SMB agris fan asmat AV MS Inconsistent with KPr 227 (4 4) and Wackernagel I §231h, the VS reading also inconsistent with VI'r 4 1'3, which requires nasalized $l$ Cf further APr 2 35, TPr 526 A nasaluzed $l$ is required by all authorities and was probably pronounced in all texta
esa me 'muşmin (ĢB 'musmerll, Gasatra) luke prakāso 'sal PB GB $\dagger$ 258
[nsnus tryaksarena trinl Lokán (VSK trin iminl lokān, TS $\dagger$ trin iokān) VS VSK TSJ

$$
10 \text { Final } n \text { before } v
$$

§944 One vanant
 APr 2 28, Wackernagel I §281a, Macdonell 77 2d

## CHANQE OF DFNTAL $n$ TO LINGUAL $n$

§945 The vanants of course mainly conecrn the change of $n$ to $n$ under the influence of a lingual anund in a preceding word (in the same word the lagualization occurs almost invariably) In general, the
greater degree of psychological propinquity between the slterant sound and the $n$, the greater is the likelihood of loggualisation That 18 , both verbal and nominal compounds show a tendency to be treated as aungle words for the purposes of thas change, and enchitics, and other monosyllabic particles, tend to be regarded as parts of the preceding word (For a few cases of vanation between $n$ and 'spontaneous' $n$, not conditioned in the normal way, see $\$ \$ 163,165,170$ )
8846. The school tendencies which appear are capricinus and unstable, one anmetimes has a feeling as if Tattirlya texts, in particular, took a perverse delight in volating their own general pnociplea
8947. (1) The $n$ is the initial of monosyllabic words, eapecially enclitics, or in forms of the enchitic pronoun ena- Here we find that Sämavedic and Maitråyaniya texts rarely alter to $n$, while Taitiriya texta generally alter to $n$, but there are exceptions in both cases Other schools seem to show no definte tendencies ainong the varante
§948 We have separated the cases in which the alterant sound is a final $r$ of the preceding word from those in which it occurs earher in that word But so far as the vanants indicate, we find no reason to suppose that lagualization was any more apt to occur in the former case than in the latter This is, indeed, what we should expect on the analogy of the clasaical rule, by which hingualization is not in the least dependent on close proxumity of the alterant to the altered sound Note that after a final r, Tatturiya texta keep dental $n$ in a case or two where all other texts (in one instance even SV and MS, which generally avoid lingualization) ahow lingual $n$, and yet, as we have asid, Tait texts generally favor lingualization
§948 In the followng cases the alterant sound 18 final r

* suar na (TS ApS shar na) gharmah (ApS * gharma) guha VS TS KS

SB ApS The same with jyotih, sukrah, suryah, arkah, all in the same paseage, but not all in the same texta (bee Conc) Only TS has $n i n$ the reat (they are not in ApS ) avarna (TS swar na) jyotıh RV SV VS TS MS KS asya sutasya suar na (AS SS na) AV SV AS SS agtrna (MS MS ral) ürgan AV MS Vait MS anuttam a te maghavan nokve nu (MS nu) RV VS MS KS The mss of MS read corruptly nakfnu, p p nakih, tu
vitratūr no (TB no) MS TB (two vanants in the asme passage)
8980. In the reat the alterant sound is not final in the preceding ford pra no naya varyo acha RV pra no naya pralaram veasy acha RV prana (SV MS PB na) đyūnø RV AV SV VS TS VSK MS. KS PB TB TA AS SS ApS Kaú $N$
prana (SV ra) indo RV 8V
pra nah (SV nah) pinva RV SV
pra nu (TA ApMB HG nu, Kaus no, read nu) wocamcikiluse jandya RV TA SMB ApMB Kaú PG HG MG Jorgensen reads $n u$ for SMB, but with $v 1 n u$, which ahould undoubtedly be read in accord with the usage of SV texta
pra no (also, no) jayanlam methundnı ripasah Kaú (both)
pra no (TS $\dagger \mathrm{JUB}$ nu) jtuêtave suva VS. TS KS SB MS JUB Conc wrongly no for TS 5575 Note JUB no, contrary to SV usage pra no (TB no) navyebhis IV MS KS TB
pra no (AV TS no) yachalv aryamd RV AV VS TS MS KS SB
pra no (AV TS no) yacha (KS rdsva) unsaspate (AV urbdmT, TS bhuvas ${ }^{5}$, VS SB sahasrajut) RV AV VS TS MS KS SB
parainan (AV ${ }^{\circ}$ nän) dewah savit̄̃ dadātu RV AV
pari nah (SV nah) sarmayardyā RV SV
pari no (SV no) aivam asvavit RV SV
pari no (VS MS no) rudrasya VS TS MS KS TB pari no hedt rulrasya RV VSK pan wo hedn RV
ataS cid ındra na (SV na) upa RV SV SS
indru enam (KS enam) prathamo adhyatisthat RV VS TS KS
indra enam (AV erump) parābaril AV TB ApS
samindra no (AV MS KS Kaus no) manasa RV AV VS TS MS KS SB TB SS KS Kaus
sumitra (etc) na (KS na) dpa VS TS MS KS SB TB TA MahnuU AS SS LS BDh ApS KS MS
urusyd no (MS no) aghäyatah samasmät RV VS MS KS SB ApS N tebhih (RV also tena) somubhi (TA ${ }^{\circ} \mathrm{b} h \overline{\mathrm{z}}$ ) rakpa nah (TA nah) RV (bes) TA
sikpd to (TS nol) RV AV VS TS KS AB Note that TS perversely avoids hagualization, deapite its general tendency deuth (AV dai ${ }^{\circ}$, KS trayis) pud urvir urs nah (only RV nah, AV ed nah, but read nah, see Whitney'e note, KS $\dagger$ nan) $k_{\text {rnota }}$ RV AV TS KS ApMB
asthūre nau garhapatyam
MS KS tayor (ApS layor ndv) axthūre
 SB KS ApS MS asthūrı nau gdrhapatyanz Kaús asthürı nau (VSK no, SS no) gärhapatyānı VS VSK SB SS asthūra no (TS TB no, KS nau, MS [van Gelder] †nau) parhapatyā̀u santu RV TS MS KS TB MS In the first-quoted version, the two best mss of MS read nau, in accord with MS ueage, but the MS form of it (tayor ete) has nau according to all Knquer's mss
$\oint 951$ (2) The $n$ occurs in a longer word, or in the second part of a compound, the alterant being in the preceding word or the pnor member of the compound Note that in compounds initial $n$ is nearly alwaya, and medisl $n$ often, hingualized in the RV just an in ample words Wackernagel I $\$ 170$

8962 We begin with chees in which the $n$ is initial Here linguaization ustandard and regular in verb forms from roota in $n$ - compounded with pra (and certain other prepoatinns, Wackernagel I $\$ 169$ ) When SV shows three tumes furma of pra-nu with dental n, it is therefore exceptional But othermse, with independent words, hagualization is only sporadic Among the vananta, TS twice lingualizes the $n$ of naman, and the $n$ of rasatya is trice lingualized, once in VS and once 1 n MS (1 deapite the tendency of MS to avoid lengualization)
abhi prs norumo (SV no ${ }^{\circ}$ ) RV SV SV
abht pra nonwur (SV nonarur) RV SV tuäm abhz pra nunumah (SV no ${ }^{\circ}$ ) RV SV KB pra nämänr (TS ná) RV TS MS KS athainam jarmā nayet HG yathaznam jarase nayät AV tasmād vär nāma (TS nama) AV TS MS KS
gomad ū su nīsalya (VS nā$) ~ R V ~ V S ~ A S ~$
mísatyä (MS $n i^{0}$ ) bhrojákuzns VS MS TB Preceded in all by bhisañ, which may be meant for part of thes pada

 grdhrah sitzkaksi vdrdhranasas (KS me värhinasus, ed em värdhrio) TS KSA
sahairanithah (SV ${ }^{\circ}$ nilhah) padauth kavindm RV SV
$\delta 963$ Of the rest, in wheh $n$ is not intial, there are only a few aporadic cases
sidhyebhyas carmamnam (VS ${ }^{\circ}$ mnam) VS VSK TB The form ${ }^{\circ}$ mna occurs in IRV
agne deva punibhir vingumänah (MS MS ${ }^{\circ}$ nah, VS SB guhyamanah KS whyamanah) VS TS MS KS SB MS TB

dyuladyubher ramasyair tyanā MS milajnubher namasyair ıyānā KV devasrih srimanäh (VSK TS ${ }^{\circ}$ ruih) VS VSK TS MS KS SB agneh purìsavăhanah (MS purì̀ya, VS + SB $\left.\dagger^{\top} v a ̄ h a n a h\right) ~ V S ~ T S ~ M S ~$ K8 SB
§964, (3) The alterant 13 in the same part of the same word as the $n$, so that hingualization would be expected The vanation is due
(a) to secondary ongin of the alterant sound, due to sandhi, in some texta the analogy of the uncompounded word keeps the $n$ dental surumnah (TS N "nah) süryarakmih VS TS MS KS SB In TS N there is thought of the sumple sumnah
(b) to the use of the word as firet member of a compound, in one text the $n$, in the seam of the compound, is felt as final and hence not hagualized, while in the other it is treated as internal and hagualized ampmayam (ApS ampn ${ }^{\circ}$ ) TB ApS

## FINAL S AFTER NON-R VOWELB, BEPORE INITIAL $\ell$

6966 On this point the vanous achools show markedly different tendencies As to the Prātısakhya rules $\operatorname{HPr} 349$ requires ; regularly before tià and te (but cf 356), and 350-354 allows it also before other words, mostly pronouns APr 284,85 also makey y the mile especially before pronouns, but allows vanous exceptinns, according to Whitney, \$18 commoner in AV VPr 3 75, 76 (ef 79ff) hikewise makeas the rule particularly before monosyllables (mottly pronouns) $\operatorname{TPr} 65$ allows the change to $s$ in only a few specified casea
\$966 Wackernagel I $\$ 246 \mathrm{~b}$ says that the change to s occurk, outside of compoundy, matoly before pronouns, and 'dic andera Saruh kennen solches sim Satz ausser in den mit dem RV gemewsamen Stellen nur vor Pronominalformen' This etatement is copied by Macionell 78, 2, b It 1s, however, not quite correct, as is shown by the following two variants, in which SV showe y for RV s, not before pronouns These are, incidentally, the only vanants where this eandin occurs hefore other than pronouns
dhanus tanvant (RV dhanis ta ${ }^{\circ}$ ) paursyam HV SV usā upa donsur lamah (SV trvanuí lamah) HV AV SV AS
§957 All the other variants concern cases with following pronouns (Cf agnes (wì tejanā sürynsya MG, to which the parallels in other texts show d, because no pronoun follows agnes lejasā sī̀ryasya MS KS AB TB TA) They ahow that the achools of RV, AV, IS, and TS follow farly well the rules of the Pratisalkhyag to their respective Samhitās To be aure, only one case happens to concern RV, and that is exceptional in showiog $s$, but the RV school texts show 12 cases of o to 1 of $s$ AV shows 4 of, to 1 of $s$, and its school texts 3 to $0 \quad$ I' has 17 to 2, and other Vāj texts (incl VSK) 22 to 1 TS, on the other hand, is unammous for s ( 24 casea), and so are ita school texts (28 casea) This is the only achool which, on the evidence of the vanants, overwhelmingly prefers $s$, hut KS also has 14 of 8 tol 8 of $s V$ itself has
only one instance (of s), and its achool texte have 2 of each M8 is as unanimous for os TS uf for a ( 20 casea, sad 16 from MS and MG) Surnmarinng the achools of RV, AV, VS, and MS regularly wnte s, that of TS always, and KS usually, s, the varisnts from SV are indecisave

8958 There followa the hat of variants, all before pronouns anfur-antus te (TS. KS Aps itus te) deva aomd pyiyatam VS. T8 MS KS AB GB SB AS SS Vatt LS ApS MS agnes te 'gram (MS agnis fe agram) TS MS agnis fe tavwam MS agnistetanuvam (KS tanvam) TS KS TB ApS agnisle tuacam VS SB KS
agnip te tejo AS MS agnis te tejo TS TB JB ApS
agnus le (TS agnis te) 'dhipalih VS TS MS KS SB
agnis fodbhi (TS agnis twio pdiu VS TS MS KS SB agnis tva (TS KS agnis tedi) srindtu VS TS MS KS SB aqnits tuä (MS agnes turi) hucyatz TS MS KS TB
 agntstin) ag7e AV TS KS TA
agnes fua (KS ApS agnes tū̄) tejasd sadayāmı VS MS KS SB ApS KS MS
agnes (ud (TS KS agres tus) mätraya TS MS KS MS
agnes tudeyena (TS ApS apnes tua ${ }^{\circ}$ ) VS VSK TS GB SB KB SS LS ApS
aditer te (TS KS TA ApS ${ }^{\circ}{ }^{1} \varepsilon_{s} t e$ ) VS TS MS KS SB TA ApS KS MS
 8B ApS MS KS
avatatya dhanus fam (TS KS NilarU ${ }^{\circ}$ nus tuam) VS TS MS KS MS Nilard
gopaya mi (VaDh mdm) sevadhre te ( N دdhy te) VaDh ViDh N tabhus fuam (KS TA tabhis tvam) ubhayrbhth samendānah MS KS TA lebhzs quan putram janaya SG tais tvam puitam (pudrdn) vindasva AV ApMB
dyaus thd (SS dyaus te) pita pithivi mãd AV SS
prajdpaiz tun sadayatu VS SB MS MS prajapatus lud $8 a^{\circ}$
TS TB TA ApS KS
prajapates wis (MS iteß fud) pranena TB ApS MS
prabhos te (SV ©bhos te) tratah RV SV
bahus le (AV KS bahzs fe) astu AV TS KS ApS brhaspates ! $\cup \mathbb{d}$ (TS TB ${ }^{\circ}$ les luā). VS VSK TS SB TB
brhaspatis tư (TS KS ApS ${ }^{\circ}{ }^{\circ} / 28 \operatorname{tod}$ ) sumne VS TS MS KS SB ApS Ms
brhaspalze fud (SMB HG ${ }^{\text {otis tuā) niyunaktu AG SG SMB HG }}$ MG
brhaspatip ferd (TA ©its luā) unsuatr MS TA
brhaspates tud (TS ApS ${ }^{\circ} \mathrm{tws}$ tvđ) sddayatu TS MS ApS MŚ
brhaspatis tropasidalu (TA ApS ${ }^{\circ} t 2 s$ tvo ${ }^{\circ}$ ) MS TA ApS MS
manop tud MS KS MS manon ton KS TB ApS
varūtris pud VS SB varudris tuif KS
vdyus ttōn (MS fun, KS pon, TS TA véyıs tann) agre AV TS KS TA MS
vayıs te (TS vayuus te) 'dhipatih VS TS MS väylas te (TS vàpus te) väjın yuñ TS KSA
 sivebher arcibhes ferem (TS ${ }^{\circ} \mathrm{bh} 2 \boldsymbol{z}$ tvam) VS TS MS ICS SB saintus tud (AG SG ${ }^{\text {otus }}$ tvā) pravaun VS SB KS AG SG svadhites te (SG ${ }^{\circ}$ tis te) pitī VS SG ApMB

FINAL $s$ BEFORE INITIAL $k$ AND $p$
$\$ 969$ Here the rules of the Prätısãkhyas (RPr $260[4$ 14] ff, APr 2 62ff, $\operatorname{TPr} 823-35, \operatorname{VPr} 310 f, 20 f f$, especially 29,36 ) give a mass of detailed prescnptions, which may be summanzed thus in compounds : (or s after non-a vowels) prevails, otherwise $h$ (or upadhmeniya and jheámüliya) But there are numerous exceptions to hoth parts of the rule
$\oint 960$ European grammarians have added practically nothing (cf Macdonell 78 2, c) Wackernagel I $\$ 286 \mathrm{c}$, , , note, thinks he detects a tendency for the ending of the first part of an $\bar{s} m r e d i t s ~ c o m p o u n d ~ t o b e ~$ made like that of the second part, so as to make the two exactly allere in form, where that 18 possible
§961. Among the vanant formulas we find only one which concerns an arroredita, and very few othory concerning compounds They show no clear tendency to be treated deferently from uncompounded words, but in view of the traditional distinction just mentioned, we shall hat them aeparately The sole amredita noted 18 the folloming
 paresah) pari VS TS MS KS SB TA Mahand Note that in the VS and MS achools the final anund is disamilar in the two parts of the compound, altho a $p$ follows in both cases, and thest the distinction made by these schools is exactly the reverse of that laid
down in the Praticákhyas, namely we find $h$ in the pnor member, a in the last member VPr 36 mentions this as an exoeption, likewhe $\operatorname{TPr} 833$, which atates that $h$ remains in compounds when the following vocable contains or $d h$, covers the case, this might be regarded as a kind of diammilation, but 18 probably merely an artificial rule made up to cover actual occurrences
6962 The other compounds noted are the followng (in the first the s is preceded by $a$, in the others by $\imath$ or $u$ )
sodyaskris ApMB sadyahkris SG
tociskesam (MS * soch ${ }^{\circ}$ ) puruprya RV VS TS MS (both) KS upahüto bhūyas humskurane (MS havh ${ }^{\circ}$, but p p havis ${ }^{\circ}$ ) MS AS SS bhüyasi havskarana upahulah ('ГB* ${ }^{\circ} t \bar{u}$ ) T'S TB SB dyukrd dyuhpatni ApS āıußkrd àyuspatnī AV
6983. In uncompounded words, contrary to the atatements of the Prānsakhyas, the vananta indicate if anything that of or 18 comimnner in most texts tban $h$ Perhape, however, the numbers are not sufficiently large to jusuify such an inference The Taituriya achool, in be alure, seems defintely to prefer $h$, especially after $a$-vowels, but noost other schools show a majonty fors or $\&$ in both groups (curiously, and perhaps by mere accident, the Maitrayaniya school shows a majorit.y for s after a-vowels, but for $h$ after othera) We give the hista for what they are worth, eeparating the two classes The statistics for all occurrences among the vananta-including tbe few cases of compound words menthoned above-are as follows

|  | After a-vowels |  | After non-a-viwela |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $h$ | 8 | $h$ | - | A (dental) |
| RV | 7 | 9 | 3 | 12 |  |
| RV achool | 5 | 12 | 1 | 2 |  |
| SV | 5 | 4 | 3 | 2 |  |
| SV school | 1 | 3 | 1 | 3 |  |
| AV | 4 | 7 | 1 | 8 |  |
| AV school | 0 | 4 | 0 | 1 |  |
| VS | 3 | 15 | 5 | 7 |  |
| VS school | 3 | 16 | 4 | 8 |  |
| TS | 21 | 2 | 2 | 4 |  |
| TS school | 24 | 7 | 16 | 6 | 2 |
| MS | 6 | 15 | 10 | 5 | 1 |
| MS school | 2 | 2 | 5 | 1 | 1 |
| KS | 9 | 9 | 5 | 7 | 1 |
| Others | 0 | 2 | 0 | 1 |  |


|  | After $a$-vowela |  | After noa-a-vowela |  |  |
| :--- | ---: | ---: | ---: | ---: | :--- |
|  | $h$ | 1 | $h$ |  | (deatal) |
| Total RV school | 12 | 21 | 4 | 14 |  |
| Total SV school | 6 | 7 | 4 | 5 |  |
| Total AV school | 4 | 11 | 1 | 9 |  |
| Total VS schnol | 6 | 31 | 9 | 15 |  |
| Total TS school | 45 | 9 | 18 | 10 | 2 |
| Total MS school | 8 | 17 | 15 | 6 | 2 |
| Total all texts | 90 | 107 | 56 | 67 | 5 |
| Total all minue TS | 45 | 98 | 38 | 57 | 3 |
| $\quad$ school |  |  |  |  |  |

## 1 The 318 preceded by an a vowel

$\oint 964$ Here $s$ remaina in a majority of variants in all achools except that of the Taitiriyas, the latter 1.4 nearly unammuua for $\%$ Besides the two caspa concerning compounds ( $8 \$ 961 \mathrm{f}$ ), the following occur somah (SV somas) palì rayinàm KV AV SV
sa no divā sa řäah (VS MS rı̧as) pilu naktam RV AV VS TS MS KS TB
samn nas (RV nah) karato asvinā RV TB ApS
manyāsai Sam ca nas (TS nah) kpdhi VS TS MS KS AS SS N
devih (dawih) sad uru nah (rah) krovis HV AV TS ApMB trayis sad uru †nas $k T^{0} \mathrm{KS}$
unu kqayaya nas (TS nah) krdhr KV AV VS VSK TS MS KS SB AS SS
varvas (RV punh) kpnvan RV SV
ayain no agner varivas (TS KS AS Aps ${ }^{\circ} \mathrm{vah}$ ) krnotu V'S TS MS KS SB AS ApS MS
uroí rollasi varuas (TS KS ${ }^{\text {a }}$ uah ) $k r^{\circ} \mathrm{TS}$ MS IiS
divah (VS divas) parjanyād VS TS MS KS
duvah prtheydh pary antarkpāt TS KS TB ApS divas etc RY AV MS
divah prthuydh pary oja udbhtam VS TS KSA divas etc KV AV Vait Kaus
divah pristham suar (suvar) TS MS KS divas etc AV VS SB
divas (SV divah) prstham adhz RV SV
divas (SV divah) prithriny AV SV
divah (RV ditas) protham (PB athe). RY PB TA ApS abhi pryyä dives padd (SV dzvah kavih) RV SV
agne luam siltaviog divas (TS TB divah) prthruyoh TS (fragment) MS SB TB AS SS
paramesthit wà sadayatu duvah (VS SB droas) prothe. VS TS MS Ks SB ApS
Srnihe unvatah prate RV †ornahe insuatas pan SV Add to VV I $\$ 275$ grar na ursuatas (SV ${ }^{\text {o }}$ (ah) prthuh RV AV SV
yathe nah breyasas (TS 'sah) karal VS TS MS KS SB LS
yotha no vasyasas (TS iobh, LS vasiyasas) karat VS TS MS KS SB LS
untudbhyo mê nasplabhyah (VS $\dagger$ SB PG $\dagger{ }^{\circ}$ bhyas, MS dansfrabhyas) päh (TS TB pota, PG parppàhe) VS TS MS SB TB TA PG
yepam apou sadas (TS ApMB sadah) ktiam VS TS SB NillerU ApMB $\dagger 217$ 6c
mutras (RV mitrah) penty adruhah RV SV
prtheydh samprcas (TS TB ApS ${ }^{\circ}$ cah, VS SB eamopraas) paiht VS TS MS SB TB ApS AS
nand hi vám deoahtam sadas (TB ApS sadah) ktlam VS MS KS AB SB TB ApS AS
diva ofodhayas (TS ${ }^{\circ} y a h$ ) parı RV VS TS MS
ubhe ca no (etc) anhasah (MS SB $\dagger \mathrm{AS}{ }^{\circ}$ sass) patām (TB Conc syđtam, Poona ed anhayah spãtáml, AS text, †anhasa syatám) MS KB TB AS SS
indrah (SS indras) patis AV AA SS
rdayds ( ApS rdäāh) padam AV AS ApS MS SMB Vait Kaú apah (TS TB ApS apaz) pinva VS TS MS KS SB TB KS ApS

MS Note the perverseness of the Tait textsin reading s, contrary to ther usual rule, agangt all other texts!
agne tradar thas (SV rtah) kanh HV SV

prơnasya tud lanuvah (MS tanvas) pühr MS TA
pratu brahmanas (MS ${ }^{{ }^{n} n a h}$ ) patni TS ApS MS pan monvir athusas (SS isah) pantu SB AS SS ApS

2 The a 18 preceded by a non-a vowel
§965 Here the variants are less numerous, and there seems to be a larger element of chance In general, however, if prevalls The dominance of $h$ in the Taut school is less marked, TS iteelf has only half a dozen vanants, a majority of which happen to contang More cunous is the fact (which may be accidental, annce the total number of cases is not very large) that the Matr school this tume favors $h$, tho after $a$-vowels it shows a majonty for s Nevertheless, in the three
variante where the preceding vowel is an $\tau$-vowel, MS alone shows i, other texts $h$ These all concern the single form rifn, ace plur of $n r$, the vowel $\bar{i}$ alters the a acrose the intervening nadal which becomes anunäerka (cf \$940 above)
hold yakpad usasanaktd mīnh (MS nīņ) patıbhyo MS KS TB
 nīnh (MS nfrıs) pähz RV SV VS MS KS SB
g968 Anomalously, dental s 18 preserved without change in two vanante, both tumes before a form of root $k_{T}$ (does the form skf exercise an influence here!)
supnppald usadhis (ApS ${ }^{\circ}$ dhin) $k_{T} t^{t h}$ MS KS ApS MS sam agner agnebhes (RV ${ }^{\circ} b h t h$ ) karat RV TB ApS

8967 Besidcs these and the cases concerning compounds (above, §962), we find the followng vanants dyauh (RV dyaus) pitah prther mintar adhruk HV MS TB dyauh pitē TB ApS dyaus pila AV dyauh prisham prthut saritam SS 10174 (as two separate mantras) dyaus prstham antanksam SB Kŝ
upahuto dyaus (TB ApS dyauh) pitd VS SB TB ApS
upn mám dyaus (TB ApS dyauh) putī honyatām VS SB TB ApS
jyotrs (MS LS jyothh) pasyanles (MS ${ }^{\circ}$ tā) uttaram RV MS KS ChU LS
jyotz\& (SV © th) pasyarut veisaram RV SV KS
yas tánt veda sa prtup (VS and most mes of AV pituh) priasat AV VS yas tā vijanäl sa pitur (TA savituh) puläsat RV AV TA N yas lad veda santuk. (MahàuU sa pıtuh) pitduat TA MahānU aham id dhe pitus (MG pituh) pare RV AV SV V'uit MG sa rdhäno (KS me edh ${ }^{3}$, ed emends) vasus (MS vasuh) kavh RV SV VS TS MS KS
havs (HG MG havh) kmuanleh partvatsarinam (HG $\dagger$ SMB $\dagger{ }^{0} 11 a \bar{m}$, MG ${ }^{\circ} y a m$ ) AV SMB ApMB HG MG
yasya duár mazus (SV manuh) pitá RV SV
mflyoh (VSK ${ }^{\circ} y o s$ ) pāhı VS VSK MS KS SB MS
ctirah gituch (MS fibuq) pari RV VS TS MS KS SB
đyoh patmane auathā KS dyos palvane suähã ApS
äres (MS äveh) kfnuyea darvydny agne RV VS TS MS KS
apulam trg (ApMB MG trin) $p u^{\circ}$ RV AV JB ApMB MG parne vo dasalıp (TS MS ${ }^{\circ}{ }^{\circ} h h$ ) krta HV VS TS MS KS ŚB nih kravydiam nudamass (MS nudasua) AV MS nis kravyidam sedha VS TS KS SB TB ApS nes kraryädam anìrosal RV AV MG

# [modur (AV "duh, but most mes, BPP, and Whutney ${ }^{\circ}$ dus) kisyam madhuman utayam RV AV AB ApS) 

## alteration of final $r$ before $k$ and $p$

$\$ 888$ Among the vananta occur only three padas belonging here, and they all concern the word suarpati The occurs in that form in RV (three times), AV and KS (once each), while in 8V (three times) and PB (once) it occura in the form svahpati This accords with $\operatorname{RPr}$ 258 (4 12), which requires nvar before any vorceless sound in composition (otherwise $h$ ) APr ignores the case, which does not come within its purview since it ocurs in Book 20, which the Pr does not treat The padas are
yueam hi sthah svarpatt (SV PB svahpati) RV SV PB dätrasyagne suarpatih (SV svahpatih) RV SV KS svahpater yadì urdhe SV nvarpatim yad im vrdhe RV AV
final 8 before initial bibilant (not followed by a conbonant)
§969 In thus came RPr 251, 253 allows eather $h$ or retention of the sibilant, except in cases where the inital is altered to $s$ by the influence of a nonan vowel precedug the final 8 , in which case the final a must be asmmilated to $s$ A violation of this rule 18 permitted in Aufrecht's edition and Muller's aditio princeps in the firat vamant quoted below, nihsahamano , Muller's editions of 1873 and 1877 read nipsah in accordance with the $\operatorname{Pr}$ rule $\operatorname{VPr} 38$ f quotes opposing news of different authonties and does not decide between them, according to Weber the mss of both VS. and VSK generally write $h$ APr 240 requires assimilation of the sibilant, but according to Whitney the mas of AV generally write $h$, and the edition usually follows them $\operatorname{TPr}$ 92 also requires asamilation of the abblant, but Whitney asys that the mss of TS generally wite $h$, and this practice Weber seerns to have generalized in bus edition
§970 The few vanants recorded in the Concordance indicate that in most texta a in these circumstances appears as $h$, whether aboolutely final or in compounds In KS however it is alwaya retained or asamlated, according to Von Schroeder's edition (cf his Einleitung, p XII), the Concordance rarely takes note of this habit of KS, and it hss not seemed worth while to collect such cases here Among the vamants, the RV retans or assmulates the sibilant in about half the cases (five in all), but in several of these Muller pnats $h$ instead According to the Concordance (based on the Bibl Ind edition), TB also
retajns the siblant three tumes, but in all of these the Poons ed. has $h$ ApMB also retains or assmilates the subilant (see Winternitz, $p$ alvin). but agam the Concordance usually ignores thas All other texts would seem to write $h \quad$ [But it is imposable to say how much thie is due to editonal ayatematization on the one hand, and on the other to the fallure of the Concordance to record readinga with the abblant, which evidently ind not seem to Bloomfield worth recording when he was preparing the Concordance In this opmon I agree with hini, and I consider the followng hast of variants of extremely slight value FE ]

8971 The following vanants have been noted
nihsahamano (SV nisial ) yamule mingate RV SV On the RV reading eee the preceding paragraph
unksahons (RV vakßasicu, but Muller ${ }^{\circ} h$ ou) ruknui upasıbriyānōh RV MS TB
tardhanam puruntsidhe (SV ${ }^{3}$ mhyidhe) RV SV
preinedürsu sramasm (AV and Muller'a IVV ©hsu) as RV AV
ufpiè na krudihah palayad rajassu (AV and Muller's RV 'hsu) in RV AV
havir hainssu vandyrih (SV havihsu †randyuh) RV SV
kryanta (1'B prryi ta) à barhih (KS $\dagger$ TB ${ }^{\circ} h 2 s$, but TB Puone ed ${ }^{\circ} h 2 h$ ) sida RV AV KS TB
uto aranyänıh (TB ${ }^{\circ} m$ s, but Puona ed ${ }^{\circ} n \imath h$ ) sṑyam RV'TB
upa nah (KS † TB nas, but TB Poona ed nah) sumavo girah RV SV VS KS TB
idam devänām zdam u nath (KS zdan nas) saha TS MS KS TB ApS MS
salyid esum (AG ctà) iés,snh (ApMb ${ }^{a_{s a s}}$ ) santu VS VSK AG SMB Kaus ApMB HG

## final s before gibilant plés congonant

§972 $\operatorname{RPr} 255$ (4 12) prescnles the dropping of the $s$ before sibilant plus surd consonant So also VPr $312 \quad \operatorname{TPr} 91$ quotes a rule of one teacher to the rame effect, the comm and Whitney regard this as intended to be binding, and according to Whitney the mas of TS generally fullow it APr cuntains no such prescription, but the AV mas observe the practice in a majonty of cases, and Whitney says that it has been observed uniformily in the Berlin edition (bee his note ou APr 2 40) This appears to be not quite true, of the variants hotrivrdah stomatastūso AV 183 47b, and madhuah ecotanty AV 2088 3d
8973. None of the Pratisarshyas authonse the dropping of final $s$ before aublant plus sonant consonant, but the comm. on $\operatorname{TPr} 91$ says that 'some' prescribe the dropping even then

## 1 Final a before siblant plus surd consonant

6974. The usage vanes somewhat arbitranly in manuscnpta and edutions, and it is not always clear to what extent editora have been guided by the actual readinge of the mas Aufrecht's edition of RV follows the Pratisskhya rule, dropping a before ablant plus surd, but Muller's edition alpays prints $h$, at least in the vanant padas, and we beheve otherrise Benfey's edition of SV is apparently not wholly conartent of the two varnant padas noted, one drops the $s$, the other reads h. On AV sce above, 8972 In TS, Weber's edition apparently always drops the $s$, at least the vanants record no contrary case The same 1 t true of Weber's edition of VS Von Schroeder's edition of MS alway pnate $h$, but the editor tells 11 (Einleitung to Vol 1, p XLII) that this was done in defiance of has mes, which generally follow the cuatom of monst texta and drop $s$ On MS and MG of Knauer, Einlettung to MG, $p$ roxvin, it appears that the mas of these texts vary greatly, but that Knauer undertook to pnint $h$ generally, among the vanants we have noted only one case where he fanled to do so, yas te drapaa skandatz MS $24329 a \quad$ The mas of KS usually, and ron Schroeder's edition apparently always, keep the final sibilant, asamilatung it to a followng palatal or lingual abulant, in most cases the Concondance ignores thus habit of KS , quoting ite readings with $h$ hike those of MS
§975 Most other texta seen usually to drop the a, at least in the repeated mantras But evidently the mas of many of them are iuconametent It will be noted, in our hat of vanants, that TR eapecially vanes, eeemingly at random, and that the Bibl Ind and Poona editions are often at vanance on the point $S S$ likewise yhowa a number of casea of $h$ where other texts drop the gibilant Inatructuve ta the repetition in the rame text of SG of the mantra mai no hinsih (hinsi) sthairam, with and without $h$, we must assume that so careful an editor as Oldenberg followed hus mss. in both cases, and he reporta no $v 1$ to either
$\$ 976$ [In recording the vanants on this point, I have taken the liberty of applying certan paribhapd rules It would certanly have been futile to record individually all the cases in which Von Schroeder and Knauer unsert $h$ in MS, MS, and MG against the evidence of therr mas

Lukemse in the case of KS there would be no point in reconding every occurrence of the retained or asamilated aibilant, altho in this case the editor appears to have followed the general cuatom of has mes. The Concordance itself, as alated above, usually ignores thas habit of KS When, therefore, in the following list, a vanant ie atated to be found in MS , MS , MG, or KS, it is to be understood, in default of stalement to the contrary, that the pnoted editions of the three first-named texts read $h$, and that of K 8 reada $s$ (or $\delta$, when these abilants follow). Likewise in quotations from the RV it is to be understood that the form quoted, without abilant or $h$, is found in Aufrecht's edition, whule Muller's edition in every case reads $h$-I would add that in view of the evidently arbitrary way in which this matter is treated both in mss and by editors generally, I cannot attnbute very much signuficance or importance to the vanants recorded $-F \mathrm{E}$ ]
§977. The hat of variants concerming final a hefore sibilant plus surd-to be interpreted in accordance with the paribhigif just stated19 ae follows
pra tad visnu (TB Poona ed vısnuh, AV $\dagger$ visnu, SS [pratika] †pra tad uspur iti] staunte RV AV VS MS KS SB TB AS ApS SS NrpU
ya (SS yah) strinün V'S TS KSA SS
visho (TB visnoh) stupo (atūpu) 'sz VS TS MS KS SB TB ApS MS visno (TB upmoh) athünamast VS TS MS KS SB TB ApS MS numsrāvabhāgā (or, samsrava", TB ${ }^{\text {®bhāgāh }) ~ s t h e s ̧ a ̄ ~ V S ~ T S ~ M S ~}$ KS SB TB MS
huta (TB hutah) slokah TS MS KS TB ApS MS
 RV AV MS TB
nurca (TB Poona ed $1336^{\circ} \mathrm{cah}$ ) stha VSK KS SB TB (both readings) KS Ap'́ MS Tbe same with samprru
ardina sthändhn is SB KS ambha (ApS ambhah) sthanubho TS MS KS SS ApS MS MG
a na (SS nah) stula RV SS
riyu stha ApS dyuh stha TB
rlava (TB ${ }^{\circ}$ vati) sths VS KS SB TB
irdravanta (AB ${ }^{\circ}$ lah) stuta (studhyam) AB GB Vait
diva (TB divah) skambha ${ }^{\circ}$ VS VSK KS TS SB TB Apsi
prava (KB SS vah) spad HV KB SS
prokyzta (TB Conc ${ }^{\circ} \bar{k}$ and ${ }^{\circ}$ tāh, Poona ed both tmes $\left.{ }^{\circ} \mathrm{K} \overline{\mathrm{L}} \mathrm{h}\right)$ stha VS TS MS KS TB SB KS MS
balaviñàya (SV ${ }^{\circ}$ yah) sthavrah . RV AV SV V8 TS MS KS brhadbher väjaı (TB Poons ed vūjaih) sthavrebhur RV MS KS TB brhospate (TB Conc ${ }^{\circ}$ ti and ${ }^{\circ}$ thh, Poons ed both tumes ${ }^{\circ}$ th $h$ ) stotram VS MS KB TB
madhua (AV ${ }^{\text {ruah }}$ ) scotanty RV AV
$m a$ no hinsth (and, hrrui) athantam SG (both)
manta ( $\mathrm{A} \mathrm{S}_{\mathrm{S}}$ méntah) sthur RV AV AB JB ApS MS
$m d n a$ steria RV KS $m d$ va (TB Poona ed va and vah) stena RV AV vS TS MS KS SB TB
yas te drapsa (SS Vait drapsah, MS drapsa) akandatz RV VS TS KS GB SB Vaut MS SS
ye deva devasum (TB ${ }^{\circ} \mathrm{vah}$ ) stha TS TB deyoma (TB ${ }^{\text {requh) stha }}$ VS TS MS KS GB SB TB KS ApS MS updyava (TB 'vah) stha TS KS SB TB KS ApS
pränah sthah TB präna sthuh ApS
stokd (TB Poona ed stokīh) scotantz RV MS KS AB TB
subhütakita stha ApS suhutaktiah stha AS
suryatuacksa (TB Poons ed ${ }^{\text {asah }) ~ s t h a ~ V S ~ T S ~ M S ~ K S ~ S B ~ T B ~ M S ~}$ gira (ApS girah) stomasa frate RV AV SV MS Apś
caksu (TB caksuh) sthas TB ApS
cita (TB ritah) stha TS MS SB TR ApS MS
cita (ApS once out of four times, and TA twice out of three times acc to Conc, all three times acc to Poona ed, citah) stha pari ${ }^{\circ}$ VS TS KS TA ApS KS
pratit tva diva (TB divah) skumbhanir veltu (TB Poonu ed †netu) TS TB
 [dhruvam as dhruvata (Conc ${ }^{\circ}$ tah for ApMB) sthtam ApMB HG]

2 Final s hefore simlant plus sonant coneonant
§978 Here the regular usage of nearly all texts, and the preacnptions of all the Prātisakhyas, require $h$ In KS, just as before sibilant plus aurd, the final say retanned, or asamilated to an mintial palatal or lingual abilant, agann, as in the preceding group, the Concordance uanally ignores this, and quotea KS as reading ensarga like other texts The only text noted which regularly drops the final s is ApMB, see Wintermitz's Introduction, $p$ xlvin It appears, however, that the mase of some other texts show the sume dropping of $s$ not infrequently Especially 18 this true of AV, see Whitney's note on APr 2 86, and on his Tranalatuon of AV, 61211 The Bibl Ind editions of TB and TA show the dropping of 8 a number of times, but the Poona editions of the same
worke pnat $h$ in most of these casea There is even one case in MS Which seems to have eluded the editonal vigilance of von Schnoeder syors (for syonah, во ApS) syonena ghttena mis aumukpata, MS 425 Othermbe the vanants which ahow lack of $h$ are rare and aporadic

5979 [Agam, as in the preceding section, the following list is to be interpreted with two paribhaßa rulea, viz 1 KS always retans or asemulates the sibilant, tho this fact is usualify not recorded in the Concordance - 2 Vananta in which the sabilant is dropped in ApMB alune are excluded from the liat, ance this droppug takes place univeraally in that text $-F E]$

5980 The vanants of final a before sibilant plus sonant consonant are as follows
suapriah suapnidhikarane RVKh suapna suapnäbhikaranerca AV The latter 18 to be understuod with sudpna( $h$ ) nnm, not voc, Edgerton, AJP 35 43yff
medasah (VSK ${ }^{\text {ºsa) }}$ suähà VS VSK MS TB
 (ApS ${ }^{\circ} \mathrm{dd}$ ) suardāh KS ApS yà dery asisfaka dyurdah cakpurdäh strutradīh MS
samjüinam nah (TB na, hut Poona ed nah) rue ${ }^{\circ}$ RVKh AV MS KS TB
ȧdıtyebhyah prespa mahasursarasya (MS mahah sua ${ }^{\circ}$ ) SB MS Aps' See Knauer's note, and $p w$, Addendum to Vol 5 , a $v$ mahasuasara
avidahaniah (TB ${ }^{\circ}$ ia) krapayata TB ApS MS
uşasah ṡreyasih-sireyasir dadhat ApS ugasa sreyasi-sreyasir dadhat TB Conc, but Pouna ed as $A_{i} S$
jyog ajita (MS jiva, SMB jilà, but Jorgensen ajitī) ahatīh (SMB $\left.{ }^{\text {o }}{ }^{\boldsymbol{u}} \boldsymbol{j}\right)$ syāma TS KS MS PG SMB srotrapah ( $\mathrm{AS}{ }^{\circ}{ }^{\circ} p \bar{u}$ ) stotram TS MS AB AS suar (TS ApS suvar) na (TS ApS na) gharmah (ApS * ${ }^{\text {ima }}$ ) suāha VS TS KS SB ApS (both)
stutah (TB stuta, but Poona ed stutah) Sravasyann RV MS KS TB syonāh (MS ${ }^{\circ}{ }^{\prime} \bar{a}$ ) syonera ghtena mā samukiata MS ApS supänıh (TA ${ }^{\text {c }}{ }^{n}$, tut. Poona ed ${ }^{\circ}$ rirh, SS subahuh) suañgurih VS TS MS KS SB TA SS
retth (TA ${ }^{\circ} \ell_{2}$, but Poona ed ${ }^{\circ} \ell h$ ) sruk MS TA SE MS
paro marlah parah (ApS all mes, and TB Conc pura, but TB Pona ed parah) sud VS TS MS KSA TB ApS MS
pary đuarte dupvapriyat ( KS duhrva ${ }^{3}$, $\mathrm{v} \mid$ dusva ${ }^{\circ}$ ) AV Ks See Whitney's note on 6 121 le for the spelling of thas word in the AV mes.
dupvapnyam duritam nih (AV *ni) sodmat AV (bnth) Whitnay, however, would raad nzh in both places-with the Pretigetchya, but aganst nearly all the mes
dupopmahan durusyaha (Poona ed deppap" durussaha) TA duhsvapnahan durusuahd MahsinU Cf preceding two
aflond (AV comm afiro añgair ahrudah (TA aslondingaır ahtld, Poons ed ahrutcoh with v $1{ }^{\circ}(\bar{a})$ svarge AV TA
onupd apatind (TB comm and Poona ed text ${ }^{\circ} n a h$ ) suasuro 'yam astu (AS 'ham asmi) TB AS sapatrah, nom pl masc (1), seems to be intended in both

## INITIAL $s$ VARYNG WITH $\xi$

g981. Nothing approaching general rules on this subject comes out of the $\operatorname{Pratasakhyas}(\operatorname{RPr} 318(51) \mathrm{ff}, \mathrm{APr} 296 \mathrm{ff}, \operatorname{TPr} 61 \mathrm{ff}$, VPr 358 ff ) The vanauts bardly throw nuch new light on the excellent treatment in Wackernagel, I §\$204-7 In practically every case the altered a se preceded by an 2 or $u$ vowcl, TS reads rksama for rksama of other texta ( $\mathbf{6 9 8 5}$ ), and in a few casca appears after avowels, alwaye owing to the influence of analogy from other words where an i or u vowel occurred ( $\mathbf{5 9 8 4 )}$ Visargn after 2 or $u$ does not interfere with the alteration Wackerasgel I p 237, botton
$\$ 982$ In compound verbs the change wae regularinall texts (Wackernagel I §204), sand we find no vanents except one or two compounds of the copula (§987), and except forms where the augment intervenes between the altenng sound and the initial 8 In these latter cases; is extremely rare in KV, but becomes common in the other Sambitas (Wackernagel I §205a), two of our vanants uhow \& under auch circumstances for RV s (§983) The largest group of vamants concerns noun compounds Here the conditions are confused the change 18 quite common, yet by no means universal, in all periods of the Vedic language (Wackernagel I §206) We find in the varianta no evidence of achool or other tendencies, earher 8 is replaced by later $s$ and nce versa, so far as we can see quite at random Next comes a somewhat amaller group of cases in which 'hight words', monosyllables or forms of the copula, are concerned Lingual in these is common in the RV, but relatively rare later (Wackernagel I \$207), accordingly we find that in most of our vanants a later text substitutes $s$ for earher (generally RV ) 8, but the reverse is also found (8987) Finally, there are a very few aporadic cases of longer uncompounded words, in these the change is very rare in post-Riguedic language, yet our varanta show at least one case of $s$ in TB substituted for 8 of RV ( 5888 )

6983 The following are the varants concerming augmented forms of compound verbs As atated above, there are nu other vamants of compound verbs except a few of the copuls, see $\delta 987$.
oy astabhnd (VS SB askabhnd, MS askabhna, KS aslabhud, TS askabhndd, TA ayf(abhnah) rodari RV V8 VSK TS M8 KB SB. TA
ad ud dhotäram ny asddayante (TB und ${ }^{0}$ ) RV Vs TB
abhy apthdm (TS KS ApS asthäd, MS ustham) onfuch prlanà aracth AV TS MS KS MS ApS
lena dasyün vy axahninta devāh TS KS lena deva ov apahanta satrūn AV yasmad bhisā nyasaduh ( $\mathbf{S S}$ nyasadah) TB SS ApS
se8s Conung to noun compounds, we mention firgt the few anomalous cases in which an a vowel precedes, a that the change to ${ }^{5} 18$ irregu-
 which are several timea changed in later texta to the more regular ${ }^{\text {a }}$ ach etc Whitney's statenient (Grammar, 186a) about thas form is not correct, as the varianta shuw The is evidently due to the analogy of compounds like satrüsah, bhürisah, abhïzah etc - The ouly other case contains the TS form sastubh, which is obviously analogous to triafubh, anupiubh, as noted by Wackernagel I §208b
samistup (TS saytup) chandah VS TS MS KS SB đū̃ um prtanūpaham (SV ${ }^{\text {a }}$ gaham) HV AV SV tam agne prtandsaham (TS "saham) RV TS prtanāsāhyāya (TB 'suähyãya) ca RV AV VS TB

§885 Twice in the asme passage of TS occura the stem rkynma, for tkama of the others, thes is the unly case where the alteration is due to a preceding $k$ (cf Wackeruagel I p 237, top) jagalyā rksamam (TS rksamam) VS TS MS KS SB pksamac (TS pkpamici) chukrah VS TS MS KS SB

8986 The remaming cases concern a preceding $i$ or $u$ or diphthong In GB 15 25d, quoted in Conc as unskandham eraam vudhrtam prajānu, Gasatra reads unpkandham inglam abhzuiro abhisatva (KS ${ }^{\circ}$ Batur) sahojah (AV MS $\dagger \mathrm{KS}$ sahojt) RV AV SV VS TS MS KS Many mas of AV, followed by the comm and SPP's ed, also read abhivatuá stota me gosakha (SV gosakhä) sydt RV AV SV
 diensadam devasadam) VS TS MS KS SB TB deva saintah susantram (ApS susäv ${ }^{\circ}$ ) PB KS ApS
rayuthdno (AV "sthanw) raytm amdse dheht RV AV
oupameddho (RV sua $a^{\circ}$ ) na d vaha RV SV PB LS
susamuddho (KS TB ruana ) varenyah VS MS KS TB
susameddham (TB susa ${ }^{\circ}$ ) tarenyam VS TB
supadam (SS susalyam) $\imath d$ gavim AV SS
ye inpaplah (MS tris ${ }^{\circ}$ ) paryyanti AV MS
tripaptdso (TB tris') marutah AV TB
utkülanıkülebhyas tristhznam VS uekulavikulabhydm tristhinam TB
ambe nцpara (TS ApS nisvara, KS nisuara, MS nismara) VS TS
MS KS SB ApS In VS SB divide nis-para, the reat belong here
somandrebhyo uparıadbhyo (VSK ${ }^{\circ}$ sadbhyo) VS VSK SB ye devah somaretra uparisado (VSK ${ }^{\text {apado) VS VSK SB ye }}$ devd uparisado (KS ${ }^{\circ}$ das) MS KS
urajam gacha gosthdram (VS SB TB gopthanam, but TB Poona ed ${ }^{\circ}{ }^{\circ}\left(\mathrm{h}^{\circ}\right)$ V8 TS MS KS SB TB ApS MS
 aijlsakthaya (KSA $\dagger{ }^{\circ}$ sakthaya) suika TS KSA
dusvapnahan durusyaha (Poona ed dupseap durussaha) TA duhsvapnahan durusuah MabãnU
8987 Next we come to the group of monosyllables or forms of the copula In one or two of these $s$ of RV 19 replaced by in a later text druhah pasán (TS KS pābum) pratı 8 (KS вū) mucisła RV TS MS KS
apo su (MS su) myaksa RV MS
But in most of them the change is in the oppoarte durection
krdht su (TS sv) asman RV TS MS KS
pratz pma (SV sma) deva risalah (SV $\mathrm{r}^{\circ}$ ) RV SV MS KS TB
pratz sma (AV sma) raksaso daha (AV jahi) RV AV
astı $h_{i}$ sma (TS MS KS astu ema) te tupminn arayah RV VS TS MS KS SB
vayam ghd te apn smasi (SV smast) RV SV
anupürvam yatamard yate stha (AV etha) RV AV
divz §añ (AV sant, SV san) chukra îtatah RV AV SV
dinn sad (RV sad) bhümy ā dade RV SV VS
üti sa (SV sa) brhoto dzuah RV SV
part sya suvīno aksīh RV pari sya suāno aksarai SV ef pari sya вuшธัo avyayam RV
casmäd đpo anu sthana (TS sthana) AV TS MS KS
$\$ 988$ Finally, we come to the few sporadic cases of longer uncom-
pounded words Note that in the first a later tent introduces f where RV has a
trine satō tri sahardíny (TB $8^{\circ}$ ) agntm RV VS TB.
ye apst sadānst (KS 'peu sadérire) cakrıre MS KS tepóm apsu sadas krtam RVKb
apou dhautasya le deva soma (TS tr soma deva te) mibhih giulusya (KS nobhe stua, TS PB rifbhich sutasya) TS MS KS PB The mas of MS read nfbht, whuch von Schroeder as always (cf §974) changea to nrbhih, but the presence of final $h$, as noted above, would have no influence here in any event
parn bhrätuh pari suasuh HG ApMB parı matuh parn masuh PG
 VS VSK TS SB ApS KS $\dagger \mathbf{j} 6$ (mith †ve, not cep)

## GECONDART CRABIS, AND HLATLB

5989 Secondary craass or double sandhi occurs rarely among the vansants Most of the cases quoted below are capable of different morphological or lexical interpretations without asaumption of double sandh There arc however a few casea where it is clearly found, and we shall begin with one from MG, which according to Kinaucr (p uxxm f) has it quite frequeutly
dhrunē stri pahkule $2 y a m$ (MG ${ }^{\circ}$ kuleyam) SMB MG In SMB, also, the $v 1{ }^{\circ}$ kuleyam is recorded, as well as ${ }^{\circ} k u l a$ ryam, which is the regular forio and would seem preferable to the reading adopted by the editor, ${ }^{\circ} \mathrm{kule}$ iyam (with complete hatus)
uc chusmū osadhinām (AV chuimaus.) RV AV VS TS MS KS
Whitncy would 'probably' read chusmá (for 'mall) $u_{3}{ }^{\circ}$, this 18 supported by Ppp, of Whitaey's note and Barret, JAOS 3550 f nosuadityäh [pratika] MG This probably refers to the formula nisua (PG text triove, with hlatus) adityí vaiavaśs ca devīh (MG sarve) AG PG MG All mas of MG (in the pratika) read visuin ${ }^{\circ}$ sahabradhäre 've (AV ©ahirira eva) te sam asuaran RV AV ISS ApS Whituey, note on AV 563 , suggeats that RV stands for ${ }^{\circ}$ dhärüh, with double sandhi The RV pp reads ${ }^{\circ}$ dhäre, ava Oldenberg, Noter, would read avate as one word, keeping ${ }^{\text {a }}$ dhare of p p The whole verse 19 difficult and obscure andmayardht etc, see §344
$\oint 980$ All the remannan cascs permit, if they do not compel, interpretations of both forms of the variant without asaurning double sandhi

They are, however, amular enough to the foregoing to be worth quoting in the context
adn ma dgachatu ApS ado magachale MS KS MS (not ApS whech in 4138 reade $\dagger m a \operatorname{aga} a^{\circ}$ )-In ApS me, in the others $m a$ mdgadhah purticalt kilavah klibo 'südra abrähmands (VSK 'sidredbrahmands) le prágapatydh VS VSK Two separate words in VS, a compound in VSK So also in the following; of the section on False Divisions, which contans other somewhat aumilar cases that might perhaps also be mentioned here
aslond (AV comm asto ${ }^{\circ}$ ) añganr ahrulith (TA aslonañgatr ahpta, Poona ed ahrulah, v l 'tī) svarge AV TA 'Unmamed in limbs', or 'with unmaumed Lumbe' Cf preceding
dkraydyé ayogím VS ākrayáyāyogūm (so Poona ed text and comm) TB Different genders, fem in VS, masc in TB saha ajah (VS sahaugah, VSK ruhajah) VS VSK AB GB AS Vait In V8 VSK saha plus ous (on V'SK's sandhisee 8731 ), in the others, sahas plus ojas The latter form 19 probably onginal yathatka fir (KS ${ }^{3}$ kargir) unanale KS TA ApS See 8919, end ya (MS ya) цpavo yatudhinandm VS TS MS SB NilarU ApMB yeph ud yätudhandh KS Serpente are referred to 'who are migades of sorcerers' 18 certanly onginal, yet KS makes reasonable sense 'etther in whom are sorcerers' (correlative with the following, which see) But it 18 clearly based on $y \bar{a}$ (or ya) isavo, mapronounced with secondary crasts
8991. From a purely external atandpoint, the vanants concerning hiatus are indistinguishable from those concerning double aandhi or they may be called the converse of them In the cares of double sandh, the form with hatus is regular, in those we are about to give, it is uregular A fitting bndge between the two 18 formed by a group of vanants in which a secondary text resolves a long vowel or diphthong incorrectly, leaning a mecondary hatus, or at least one whose histonicity is questionable
uta bravasa (MS sravasa ā) prthzuim VS TS MS TA The pp of MS reads srausach, $\delta$, but both meter and sense show that the MS has a stupid blunder
yad indra catra mehand (SV PB ma tha na) RV SV PB AS SS N See 8832
unsnewa (KS vaina qua) vikrtruavahaz VS TS MS SB AS Sunce the uncombined form was a neuter norn -ace plur of an aetem (vasna), it seems that we are to underatand it as varna (so M6 p p ), rather
than varna We have, then, in K8 perhapa a case of what may be called partial sandhi, that is shortenugg of a long. vowel before a following vowel, as in $0-r=$ RV itc $a-r$, of Wackernagel I 8267b for auch shortennge before other vowele than $T$ Otbermese KS would be a mere blunder, like MB in the preceding Cf the next saputnd vacan munasa (AS ${ }^{\circ}$ sa) upazatam TB AS ${ }^{\circ} \mathrm{H}_{14}(\mathrm{or}, \mathrm{my})$ nvals shall obey his (or, my) word with ther monds' Both texta must intend manasa, TB has complete huatus, while AS (if the text is correct, we have not much faith in the edition) shows 'partial sandhi', see under tbe preceding vanant The meter is againat fusion See also the vanant praty elis vismä (sunuan) etc , $\$ .357$
5892. The rest concern cases of complete hatus, cxcept in so far as they may be capable of different formal or lexacal explanationa it will be noticed that the meter sometimes !avors the hatus, as in the vanant last quoted
bhūyo vã atah somw rūjārhatı (MS rajā arhati) SB KS ApS MS All Knauer's mss read thus for MS , Knaier anggeats pluti The passage seems to be prose, but with hiatus as in MS it could pass for a faur jagatl pādu
pavasua deva ayusak (RV deväyusak) RV SV PR The accent in SV (decd) indicates a nom form, but Benfey tranalatea a voc In any case SV 18 вecondary, and metri gr
päpmanart ula vāgham (SMB vī agham) S.MB ApMB HG Another case of hiatus for mptrical reasons
a $p$ ūsì etv à vasu TS a pustain elv à vasu AV Hiatus for metncal reasons in TS, in AV the meter is improved without fuan talra ${ }^{2}$ idro brhupatith VS tatrī̀ (SV tatra) no brahmanaspatih RV SV Histue metri gralia in VS
tan mar (Vait ma) apyāyatàm punah GB Vest Not only the hatus, but the meaning of the verb is strange in Vait Garbe and Caland take it with active meaning, which it has according to BR only in one epic passage (Mbh 5 508) $\ln \mathrm{GB}$ (with me) there is no buatus and the verb 18 intransitive, both improvementa But if $m a \bar{a}$ be read, hiatus 19 necessary to give good meter
sam tod rinante (Valt rnanti) LE KS Vait The hastusin Vait may be connected with pronunciation of $T$ as $T$, , gex $\S 676$
punantu rsayah TA MabiñU Hiatus in both forms
 SS Probably $\mathbf{S S}^{\mathbf{S}}$ atands for hotara, not ${ }^{\circ} r a \bar{u} u$, and thereforc has hiatus, see §885d For hotirau we should expect ${ }^{\circ} \mathrm{r}$ © $v$ in $S S$
achudrā ufıjah padīnu lakpuh TS achidrofıjah havayah paddnulakprouh (see \$627) KS Keth, 'flawless abodes', as ff achudrd went with padd as in KS, but TS p p achudrah, with ufijah, and so comm abhim (SV abhi) rtasya dohand andyata RV 8V Cf abhim riasya (SV abhy ījlanya) sudughä ohtlascutah RV SV On $m$ as "Hastustuger" see $\$ 309$
piffbhyah suadhästu (MabĒnU suadha astu) TA MahānU
8998 With the last vanant belonge the next group, all in like contexts, in them we mught indeed thank of nominatives of the radical a declension (in as) varyng with nommatives of the derivative $a$ declension in $\bar{a}$ But the uncombined forms occur only in Tait texta, and according to TS pp and $\operatorname{TPr} 52,1013$, are to be regarded as uncombined forms of $-m \delta$, whthout $s$
mds MS MS ma ast TA ApS Lakewise (in MS TA) prama, unmā, unmā, sammã, pratımā
 with prattmā, and sahasrasyonma
8994. The next is different in character manān (KS manāasr) VS TS MS KS SB ApS MS N All texte have a curnous femmene atem (the geader doubtless due to attraction to parallel femunes in the context) which is supposed, no doubt correctly, to mean the same as the normal neuter manas In KS it has the form of a femmue ${ }^{\text {-stem (nom } \operatorname{mana}^{\prime} s \text { ) In }}$ the others it becomes an i atem
§996 The next group contana textually dubious cases
pntaraś ca updsate (VS cupáa) RVKh VS The hatus umproves the meter, but Scheftelowitz reads copasate, with all has authorities except the late Prayogaratna, which reads cupa äade, with hiatus in a different place
yd medhä apsaräru (MG medhäpsarahsu) RVKh MG The meter 18 better, tho still poor, with hatus However, most of Knauer's mas read medhāapy a MG, and on the other hand Scheftelowntz reads medhaps ${ }^{\circ}$ in RVKh mithout report of vanant, be also reads ${ }^{0}$ psarassu
deva brahmãna dgachata dgachata GB, Cone de bra ägachatāgachatāgachata LŚ But Gaastra reads for GB agachatagachata, he nutes a v l đyachatā äva
vibhur ubhāvā sųakhí (AV sakha d) sakhīyale RV AV So the mse of AV, leaving sakha unaccented, SPP follows them, the vulgate ed reads sikh $\bar{a} \vec{a}^{\prime}$ It seems at least poserble that the AV. moss correctly
present the Atharvan tradition, the verse 18 addressed to Kama, so that a vocative ankhe 16 conceivable If we were to accept the vulgate text, we ahould have a case of hatur Whitney in his Transl assumes sókh $\sigma^{\prime}$ (fusion of sakhé and $a^{\prime}$ )
8996. The vananta concerning the pronoun $a$ followed by a vowel constitute a apecial case Here crass was onginally the rule, but (eapecially in late texta) there is a tendency to approach the Clasacal Sansknt rule which requires hatus The variants are not numerous, in some of them the meter favors huatus, notably in the first where the RV itself (tho it writea a combined form) seems by ite meter to call for hiatus
semaim (AV á ımdm) n! havyadātım juß KSA Oldenberg, Noten, thanks tbat RV should probably be read sa $\imath m A \dot{m}$
agnir viduān sa yajāt sed $u$ hutd (AV Kaue sa $\mathfrak{d}$ dhota) RV AV TS MS KS SB Kaus Here both forma aie metncally correct, ance AV omits the particle $u$
$8 a$ гmām (SG semām) devah p̄̄pā (also aryamá, and varunah) SG AG SMB
suma āyupman sa oyadhibher (PG sausa a àyuman TS KS PG ApMB This passage is prose PG is hyper-archaizing

INDEXES

## INDEX OF GOUNDS，SOUND GROUPS，AND LETTERS

Note－Here are indexed all sounda，combinations，and lettera which are treated a varying from a phonetic or graphic atandpont In on far as they liava aemantic aignificance，they are to be anught rather in the following Sangrit Inden For example，a as asund，and yo as a phonetic combination（which varies with 4 ，$I$ ，and e），sre treated bere，but a the preposition or privative prefix，and ya the aume，are liated in the Sanakrit Index All referencea in all the Indexes are to sections
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