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# Creating Tradition Through Interposition Exploring the Foundation of the lakāra in the Tinanta Section of the Vaiyākaraṇasiddhāntakaumudī and the Prakriyākaumudī

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**Abstract** As the progenitor of Navya Vyākaraṇa, the *Vaiyākaraṇasiddhāntakaumudī* by Bhaṭṭoji Dīkṣita is known for its *prakriyā*-based approach to Pāṇinian grammar. However, the *Prakriyākaumudī* by Rāmacandra Śeṣa has already established a precedent for a creative presentation of *prakriyā*. The present study aims to assess the innovation, structural integrity, and cohesiveness of these texts using the initial four *sūtra*s of the *tinanta* section which develop the concept of the *lakāra*. The commentaries by Viṭṭhala and Jñānendra Sarasvati help to understand the progression of these concepts as the texts disseminated into the Sanskrit world.

**Keywords** Pāṇini. Aṣṭādhyāyī. Navya Vyākaraṇa. Prakriyā. Bhaṭṭoji Dīkṣita. Rāmacandra Śesa. Vaiyākaraṇasiddhāntakaumudī. Prakriyākaumudī. Trimuni. Bhartrhari. Contextualisation.

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## 1 Introduction

The emergence of what is known as the Navya Vyākarana school of Pāninian Sanskrit grammar was fuelled by the seventeenth-century CE text by Bhattoji Dīksita, the Vaiyākaranasiddhāntakaumudī (SK). It utilises a thematic structure to organise the rules of the *Astādhyāyī* (fifth century BCE) by rearranging the approximately 4,000 rules of Pānini into categories of grammatical processes such as the initial four sections on sandhi, the sections on the derivation of the subanta (those ending with the affixes suP). the krdanta (those ending with the primary substitute affixes of the category krt), the samāsa (compounds) etc. Historically, the SK has been considered a pioneer in the prakrivā method of grammar. However, the SK does not deserve exclusive credit for this creative structure. In a long line of what are known as prakrivā texts, the SK's structure offers only a standardisation, and nowhere is this more evident than when compared to its sixteenth-century predecessor, the *Prakriyākaumudī* by Rāmacandra Śesa (PK). The PK has a structure that is nearly identical to the SK as it utilises novel arrangements to order the rules in certain sections. The PK is frequently contradicted by the SK, especially in its commentaries, for improper usage of words. This categorical style rearrangement, however, functions within an ecosystem of hermeneutical ancillary texts which provide the supplementary material required to arguably reinforce the śāstric<sup>2</sup> value in understanding the rules of Pānini, albeit, out of their original textual sequence.3 These texts include works such as the Dhātupātha and the Ganapātha, the Paribhāsenduśekhara of Nāgeśa Bhatta, the Tattvabodhinī of Jñānendra Sarasvatī, the Bālamanoramā of Hari Dīksita, the *Vākyapadīya* of Bhartrhari, the *Praudhamanoramā* of Bhattoji Dīksita all claiming the *Mahābhāsya* of Patañjali (MBh) as the ultimate authority for modern vyākarana (Deshpande 2002). Over the centuries, various texts outside of the Paninian tradition have also experimented with different techniques in attempting to reformulate Pānini's format into one that is more friendly to students. More

All translations of the Sanskrit text within this article are by the Author unless otherwise stated.

<sup>1</sup> The anubandhas (i.e. markers) are capitalised to distinguish the metalanguage from the language exclusively in the English translations and not in the Sanskrit citations.

<sup>2</sup> A rearrangement of the rules appears to be acceptable by Navya Vyākaraṇa as long as they are still Pāṇini's original rules.

<sup>3</sup> These texts are also responsible for the development of the idea of the *trimuni* and the development of the historical authority of sages to determine the proper usage of grammar. For more on this see Deshpande 1985, 2005, and 2016.

<sup>4</sup> More often than not, paribhāṣās from the Vyādiparibhāṣāvṛtti which have not been carried over by Nāgeśa Bhaṭṭa in his own work have also been referenced to explain phenomena.

importantly, a significant number of these scholars were considered to be outside the Pāninian tradition by those of the Navya Vyākarana school due to their inclusion of colloquial grammatical examples or lack of deference to the *trimuni* system. <sup>5</sup> The central idea in all these grammars was a re-interpretation of the rules given by Pānini to simplify Sanskrit grammar. For example, the *Haimaśabdānuśāsana* of Hemacandra Sūri utilised Pānini's style of sūtra organisation to derive words related to the Jaina canon. The textual study is conducted with the idea that the works will be taught in the exact sequence in which they are written due to the interconnected nature of the original text and with its commentary.

#### 1.1 Premise of the Study

While the terms *prakriyā* and Navya Vyākarana are used interchangeably today, historically, they have been somewhat separate where the term *prakriyā* referred to the derivation-oriented texts inspired by the Kātantra of Śārvavarman from the ninth century. The Kātantra aimed to shorten the amount of effort required to form a word in the Pāninian system to make it more accessible to those who could not dedicate the extensive effort required to study Pānini's grammar in the traditional system. Thereafter, other scholars were similarly inspired to create a restructured version of the Astādhyāyī using different methods of economisation within their grammar to aid in the process of linguistic derivations. Fruits of this effort to simplify the śāstra can be seen in texts such as the Cāndravyākarana by Candragomin (fifth century CE) and the Mugdhabodha by Vopadeva (tenth century CE) which introduced new attempts at categorising the *prakriyā* of Sanskrit forms as an important part of their grammars. These texts also promoted Sanskrit education by making it relevant to contemporary Sanskrit, inspiring a revival in the form of the creation of new works more faithful to Pānini, such as the *Rūpāvatāra* by Dharmakīrti (eleventh century CE), Rūpamālā by Vimalasarasvatī (fourteenth century CE) and the *Prakriyāsarvasva* by Nārāyana Bhatta (seventeenth century CE). Eventually, the SK brought the prakriyā method into the Pāninian school and standardised it by including all the rules of the *Astādhyāyī*. Since a significant portion of the SK's structure is similar to that of the PK, it suggests that the SK is most likely designed on the foundations of the PK and the earlier prakriyā texts of

<sup>5</sup> Bali (1976, 24-6) states that the *Kātantra* system "deviated" from the traditional system of utsarga and apavāda in organising its sūtras and, in the following passages, repeatedly poses Kātantra, Cāndra, Haima, and Mugdhabodha in juxtaposition to the "prakriyā-works of the Pāṇinian school". Accordingly, the "prakriyā method" became the "prakriyā school" of grammarians who adhered to Pāṇini's rules and techniques.

Dharmakīrti and Vimalasarasvati. Whatever the case, the aim of the current study is a modest contribution to assess the primary goal of the SK by asking the question: is the SK a pedagogical text, as it is used today, or a commentarial text?

# 2 Outline of the Study

A comparative approach to analysis promises to offer an optimal understanding of the aim of the text in its proper context (Ganeri 2008, 553-4). Therefore, this study focuses on exploring the foundation of the *lakāra* as presented within the initial *sūtras* of the *tiṅanta* section of the PK and the SK.<sup>6</sup> Considering the structure of the texts, a few standard observations are necessary:

- there are two sequences of sūtras to remember, one from the Astādhyāyī and another from the prakriyā text.
- The prakriyā has been fragmented for gradual comprehension of the content.
- The connection between relevant rules relies on the instruction of the teacher.

Due to the break it creates in the interconnected understanding of the rules, these factors speak to the nature of the transmission and its subsequent effect on the holistic comprehension of Pāṇini's grammar and its mechanisms. To explore a dimension of this issue, the current study is limited to five rules read with the following three points of discussion:

- 1. innovation of the text in terms of its structure/content;
- 2. structural integrity according to the *Astādhyāyī*;
- 3. the overall cohesiveness of the content in the two texts in terms of *prakriyā*.

Due to differences in the approach of the PK and the SK, the two sequences (given below) do not match with each other and, thus, present a slightly different view of  $prakriy\bar{a}$ . The PK and the SK both explain Pāṇini's rules but the former aims to teach while the latter functions more as a assertion of grammatical principles on  $prakriy\bar{a}$  despite the fact that it has been implemented as a pedagogical text in more recent times.

The rules in question comprise of the following five rules of the *tinanta* section in the two texts:

<sup>6</sup> The subject matter relates to my ongoing doctoral thesis where I am exploring the *Vaiyākaraṇasiddhāntakaumudī's tinanta* section to understand Navya Vyākaraṇa's claims of staying true to the Pāṇinian idea of grammar.

- dhātoh (A 3.1.91);
- laḥ karmaṇi ca bhāve cā karmakebhyaḥ (A 3.4.69);
- vartamāne laţ (A 3.2.123);
- lasya (A 3.4.77);
- tip-tas-jhi-sip-thas-tha-mip-vas-mas ta-ātām-jha-thās-āthām-dhvamid-vahi-mahin (A 3.4.78).

The difference in the sequence of the rules between the two texts heavily contributes to the tone that they set for the introduction of the derivational process of the verbal section. The  $prakriy\bar{a}$  school, in general, promotes a slightly different sense of grammar than what can be understood by reading the  $Ast\bar{a}dhy\bar{a}y\bar{i}$  itself, and, as such, has several shortcomings inherent in its sequence. Disregarding this for the moment, the tone of the two texts differs from each other as well despite both proclaiming to be part of  $prakriy\bar{a}$ . To understand this sense, I have attempted a brief analysis of the rules in question by also taking in consideration the commentaries  $Pras\bar{a}da$  of Viṭṭhala and  $Tattvabodhin\bar{i}$  of Jñānendra Sarasvati. The sequence of the presentation will follow the rule number in each text and is divided into two sections: the explanation with derivational examples and then the analysis.

# 2.1 The Prakriyākaumudī

The text of the PK begins with a verse establishing the premise of *prakriyā* as given by Rāmacandra Śesa:

prakṛtiḥ sā jayaty ādyā yayā dhātvādirūpayā | vyajyante śabdarūpāṇi parapratyayasaṁnidheḥ || (Trivedi 1931, 2)<sup>7</sup>

*prakṛti* is that which comes first, through whose form, such as a verbal base, the linguistic forms are derived due to proximity to the following affix.

The  $Pras\bar{a}da$  commentary of Viṭṭhala clarifies that the verbal roots  $bh\bar{u}$  etc. are to be considered the prakrti while the affix is the one that holds the meaning of the final verbal form – " $kasm\bar{a}t$  parapratyayasaminidheh | paraś  $c\bar{a}sau$  pratyayaś ca parapratyayah  $prat\bar{y}ate'rtho'sm\bar{a}d$  iti pratyayas  $tib\bar{a}dis$  tasya samnidhis  $tasm\bar{a}t''$ 

<sup>7</sup> The sūtras taken from the Prakriyākaumudī do not contain the sequence numbers of the rules according to the text but only the numbers of the sūtras according to the Aṣṭādhyāyī. Therefore, the relevant page number of the text is provided as the point of reference.

(PK 1931, 2). The commentary continues with a more philosophical discussion on the interpretations of *prakṛti* according to the Sāṅkhya, Nyāya and Vedānta schools. From a more *prakṛiyā*-related perspective, the *adhikāra* of the rule A 3.1.22 *dhātor ekāco halādeḥ kriyāsamabhihāre yaṅ* is acknowledged before the one presented by the following rule. However, the *Prasāda* clarifies that the rule will be explained in the section related to the affix *yaŇ*.

## 2.1.1 PK 1: dhātoh (A 3.1.91)

ā tṛtīyādhyāyāntaṁ vakṣyamāṇāḥ pratyayā dhātor jñeyāḥ. teṣv ādau daśa lakārāḥ pradarśyante. laṭ. liṭ. luṭ. lṛṭ. leṭ. loṭ. laṅ. liṅ. luṅ. lrṅ. (Trivedi, Trivedi 1931, 4-5)

Affixes which are metioned until the end of the third  $adhy\bar{a}ya$  [of the  $Ast\bar{a}dhy\bar{a}y\bar{\imath}$ ] should be known [to apply] after a verbal base. Among these [affixes], first, the ten l-forms are presented:  $la\bar{\varUpsilon}$ .  $li\bar{\varUpsilon}$ .  $lu\bar{\varUpsilon}$ .  $le\bar{\varUpsilon}$ 

Using simple language, the PK states a clear scope of its application. Naturally there is a discrepancy created by the re-arrangement of the rules of the Aṣṭādhyāyī. This is further heightened by the vrtti's reference to the placement of this rule within the structure of the *Astādhyāyī* as one encompassing all affixes until the end of the third adhyāya. However, the premise presented by the PK partially justifies the restructuring within the framework of *prakriyā* as A 3.1.91 states that an affix is applied after a verbal base  $(dh\bar{a}toh)$ , creating the structure  $dh\bar{a}tu + af$ fix. An interesting feature of the PK is that it introduces small notes as transitions into *prakriyā* such as the one available after the *vrtti* of this rule which introduces the ten *lakāra*s as the primary affixes to be used after a verbal base - 'Among these (affixes), first, the ten l-forms are presented' - forming  $dh\bar{a}tu + [laT\ etc.]$  as the preliminary derivational structure of a verbal form. The *lakāra*s are introduced in the sequence of the vowels as they are introduced within the Māheśvara Sūtra, first with those marked with a T and then with those marked with a  $\dot{N}$ .<sup>10</sup>

<sup>8 &#</sup>x27;Why due to the presence of the following affix (*parapratyaya*-)? *parapratyaya*- is that which is an affix and at the same time subsequent (i.e. this is a karmadhāraya compound). It is said that the meaning is understood from this, i.e. the affix is *tiP* etc.; the proximity is of this; it is due to the proximity of this'.

<sup>9</sup> The term  $dh\bar{a}tv\bar{a}di$  in the initial verse of the PK acknowledges the use of a verbal root also for the formation of word forms such as the krdanta where the final word may not be designated as a verbal form.

<sup>10</sup> In the body of the text, however, the  $lak\bar{a}ras$  are introduced in a slightly modified sequence to the one presented – laT, liN, loT, laN, luN, liT, luT, liN, lrT. lrN – displaying

The *Prasāda* presents a comment on the relevance of the *adhikāra*  $s\bar{u}tra$  in the context of prakriyā against the rule A 3.1.91:

'dhātoh' ity ārabhya ā trtīyādhyāyaparisamāpti ity arthah. dhātavo nāma kriyāvācino bhvādayah. te ca dvividhāh sakarmakā akarmakāś ceti. (Trivedi. Trivedi 1931. 4)

It [the adhikāra rule A 3.1.91] is understood to begin with dhātoh [A 3.1.91] [and continue] until the end of the third adhvāva. Verbal bases are those [verbal roots beginning with]  $bh\bar{u}$  etc. which denote an action. They are of two types, sakarmaka and akarmaka [loosely translated as 'transitive' and 'intransitive'].

The beginning of the adhikāra is clearly stated as the rule A 3.1.91 dhātoh continuing until the end of the third adhyāya along with a basic definition of a verb (dhātavo nāma krivāvācinah). Naming the transitive and intransitive as two different characteristics of a verbal base, the commentary also presents a basic overview with examples of each category of verbs in clear, concise language. Vitthala describes at least three different types of transitive and intransitive verb forms (Trivedi, Trivedi 1931, 4):

1a. tatra karmasāpekṣāṁ kriyām āhus te sakarmakāḥ.	1b. akarmakāḥ punar ye karmanirapekṣām kriyām āhus
Where they say that the action requires an object	, Moreover, intransitive are those whose action
these are transitive (verbs).	does not require an object.
- yathā kaṭaṁ karotītyādayaḥ	āste śete tiṣṭḥatītyādayaḥ.
Such as, kaṭaṁ karoti	Such as āste, śete, tiṣṭhati ('he sits/lies down/
('he makes a mat') etc.	stands')
2a. athavā ye karmakartṛgataṁ vyāpāradvayam	2b. ye tu kartṛgatam eva te akarmakāḥ.
ācakṣate te sakarmakāḥ	Those [whose function] can only refer to the
Otherwise, those (verbs) whose double function can refer to both the object and the agent are called transitive.	agent are intransitive.
- yathā pacaty ādayaḥ. yathā odanādigataṁ	- yathāste śete ity ādayaḥ.
vikledādi kartṛgatam adhiśrayaṇādi.	Such as aste (he sits), sete (he lies down) etc.
For instance, when <i>pacati</i> is said, the action of	
getting wet refers to rice etc. and the action of	
putting (the rice in the pot) on the fire etc. refers	
to the agent.	

a greater inconsistency than the one found in the SK.

3a. athavā kriyārtho dhātuḥ sakarmakaḥ.	3b. bhāvārtho dhātur akarmakaḥ
Otherwise, a verbal base whose sense is an	A verbal base whose sense is an eventuality is
action is (designated as) transitive.	(designated as) intransitive.
- tatra saparispandasādhanasādhyā kriyā.	- aparispandasādhanasādhyo bhāvaḥ.
Therein, that action which has to be	That which does not have to be accomplished by
accomplished by means of the accomplishment	means of the accomplishment of a movement is
of a movement is (designated as) a <i>kriyā</i> .	(designated as) a bhāva.

Despite these statements, the *Prasāda* clarifies that the transitive and the intransitive usages may overlap depending on the meaning that is to be conveyed in a given sentence, such as in the example bhāram vahati which expresses the meaning of carrying something heavy despite not having an object stated and *nadī vahati* which expresses the flowing of a river. The *Prasāda* also elaborates on the role of the verbal root in containing the meaning of the object. This is substantiated with a verse from the *Vākvapadīva* to authorise the claim for instances where the difference in meaning versus usage allows the transitive and intransitive to apply outside of the bounds of its conventional uses that have been understood according to the present rule. 11

Following this description regarding the role of the rule A 3.1.91 dhātoh, the text of the PK continues with the vrtti introducing the ten lakāras that are to be introduced after a verbal base. The Prasāda reiterates this organisation of *lakāras* and presents a transition to the next sūtra where the role of the transitive and the intransitive verbal bases will be explained with respect to the *lakāras*.

#### 2.1.2 PK 2: lah karmani ca bhāve cā karmakebhyah (A 3.4.69)

lakārāh sakarmakād dhātoh karmani kartari cākarmakād bhāve kartari ca syuh.

'pratyayah' 'paraś ca' ity anuvartate

1-forms should apply to transitive verbal bases [A 3.1.91] when an agent [kartr] or a patient [karman] is signified and to intransitive verbal bases when an agent or the mere action is signified.

The rules pratyayah [A 3.1.1] and paras ca [A 3.1.2] are carried over [to the next rule].

In this rule, the *vrtti* of the PK clearly exhibits the role of the *lakāras* in conjunction with the verbal base that has been presented. Furthermore, the PK draws connections to the anuvrtti of the rules A 3.1.1-3

<sup>11</sup> dhātor arthāntare vṛtter dhātvarthenopasamgrahāt | prasiddher avivakṣātaḥ karmiņokarmikā kriya | 3.7.88 | (Rau 1977, 139).

from the  $Ast\bar{a}dhy\bar{a}y\bar{\imath}$  which, in addition to providing a smooth connection to the following rule A 3.2.123, are also instrumental in deciding the position of the affixes with respect to the verbal bases. Mentioning these rules also reinforces the connection of the text to the sequence of the  $Ast\bar{a}dhy\bar{a}y\bar{\imath}$ . The  $Pras\bar{a}da$  echoes the PK's structure and explains the anuvrtti of A 3.4.67 to this rule as the inclusion of the krt affixes within the tiN processes.

lakārā dvividhāḥ tinbhāvino 'tinbhāvinaś ca. tatra tinbhāvinām kṛtsamjñāniṣedhāt 'kartari kṛt' ity asyānupasthānāt svārthe vidhiḥ syāt. atinbhāvinam tu 'kartari kṛt' iti kartary eva syād iti vacanam ārabhyate. "lakārāḥ". laḍādayo daśa karmaṇi kartur īpsitatame kartari kriyāyām svatantre bhāve dhātvarthe. (Trivedi, Trivedi 1931, 6)

l-form affixes are twofold, those intended to occur as  $ti\dot{N}$  and those which are not intended to occur as  $ti\dot{N}$ . Therein, due to the exclusion of the designation of krt for those which are intended to occur as  $ti\dot{N}$ , because of the absence of this, namely [the rule A 3.4.67]  $kartari\ krt$ , there should be an injunction in their own meaning [of  $ti\dot{N}$ ]. On the other hand, the teaching that the affix which is not  $ti\dot{N}$  should only be used in the sense of the agent according to  $kartari\ krt$  is undertaken. " $lak\bar{a}r\bar{a}h$ ". The [ten  $lak\bar{a}ras$ ] laT etc. in the sense of the most desired object of an agent [kartr], in the sense of an agent, in the sense of an action, in the sense of an independent eventuality conveying the sense of the verbal base.

With the two types of  $dh\bar{a}tu$  having been introduced by the PK, the  $Pras\bar{a}da$  introduces the two types of  $lak\bar{a}ras$  – tin and atin. Viṭṭhala also hints at the difference between the two by stating that A 3.4.67 does not appear in the anuvrtti of the present rule and, thus, has no utility in tiN processes. Furthermore, it can also be understood that the non-tiN are only used in the kartari sense.

## 2.1.3 PK 3: *vartamāne lat* (A 3.2.123)

ārabdhāparisamāptakriyopalakṣite kale vācye dhātor laṭ pratyayaḥ syāt. atāv itau. ādeśavidhānasāmarthyān na lasyetsamjñā.

After a verbal base, the l-form affix *laŢ* should be introduced when the period of time to be expressed refers to an action which has begun but not finished.

a and T are markers. The l [of laT] does not obtain designation as a marker as it is entitled to take an affix by substitution.

The PK clearly defines the scope of the  $vartam\bar{a}na$  in the vrtti itself. As part of a detail for derivation, Rāmacandra has also specified that the l of the l-form affix would not obtain the designation of a marker since it is required for the purpose of substitution (i.e. the tiP etc. l-substitutes). The corresponding  $Pras\bar{a}da$  commentary describes the scope of actions when they are expressed in the  $vartam\bar{a}na$  within the confines of this rule:

atheha kumārāḥ krīḍantīti pravṛttasya virāme tiṣṭhanti parvatā iti nityapravṛtteḥ ca kathaṁ laṭ vartamānatvābhāvāt. (Trivedi, Trivedi 1931, 6)

However, how is [the introduction of] *laṬ* warranted in the case of a break of continuity in [the example] *kumārāḥ krīḍanti* ['the young boys play'] and in the case of a permanent continuity in [the example] *tiṣṭḥanti parvatāḥ* ['the mountains stand'] as there is an absence of the characteristic of the present tense [mentioned before]?

Here, the commentary uses two examples, kumārāh krīdanti ('the young boys play') and tisthanti parvatāh ('the mountains stand') to discuss the dimensions of the present tense as one of an ongoing action. The prospective end of the children playing is contrasted with the constant existence of the mountains (i.e. without an end or beginning) to argue that an action unable to be carried forward cannot be constituted within the present tense. The actions are meant to represent a paradigm of continuity which is an important part of the present tense according to the *vrtti*. The argument presented by the *Prasāda* here is based on the verse 3.80 by Bhartrhari<sup>12</sup> stating that, because mountains are stable fixtures on a landmark and are in a state of natural permanence (unless an external force disturbs that state), their state (i.e. *tisthanti*) is also described in the present tense in this case because they are viewed relative to the action of the young boys playing. Moreover, the act of playing can be interrupted by the children as they take breaks, but those acts would still be considered a part of their ongoing activity of playing - antarālakriyās tu nāntarīyakatvād avyavadhāyikās tadavayavabhūtā vā - which is, again, a rephrasing of the verses 3.9.82-83 from the Vākyapadīya.<sup>13</sup> The *vrtti* specifies the *l* of *laT* is excluded as a marker for the pur-

<sup>12</sup> parato bhidyate sarvam  $\bar{a}$ tm $\bar{a}$  tu na \*vikalpate | parvat $\bar{a}$ disthitis tasmin parar $\bar{u}$ peṇa bhidyate || 3.9.80 || (Rau 1977, 162). Note on translation: Rau has used the word vikalpyate in his edition but mentions vikapate as an alternate usage found in some manuscripts and is the one used by the  $Pras\bar{a}da$ .

<sup>13</sup> vyavadhānam ivopaiti \*vicchinna iva dṛśyate | kriyāsamūho bhajyādir antarālapravṛttibhiḥ || na ca vicchinnarūpo 'pi so 'virāmān nivartate | sarvaiva hi kriyānyena samkīrṇevopalabhyate || \*tadantarāle dṛṣṭā vā sarvaivāvayavakriyā || 3.9.

pose of subsequent substitutions to the l-form in *prakriyā* while also mentioning the derivational advantages of the markers *T* for rule A 3.4.79 tita  $\bar{a}$ tmanepad $\bar{a}$ n $\bar{a}$ m tere<sup>14</sup> and the significance of the a for A 3.4.83 vido lito vā.15

2.1.4 PK 4: lasya (A 3.4.77)

itv adhikrtva.

The PK does not explain this adhikāra and neither does the Prasāda comment upon this  $s\bar{u}tra$ , which minimises its importance in prakrivā. There has been a pattern in the later prakriva texts, such as the *Kaumudīs* written after Dīksita, of omitting the *adhikāra sūtras* from the main body of the text which indicates a growing simplification of the mechanism of grammar created by Panini. This could be another example of such an instance.16

#### 2.2 The Vaiyākaraṇasiddhāntakaumudī

Compared to the more philosophical verse that begins the tinanta section in the PK, the SK starts with a more traditional mangalācarana verse<sup>17</sup> praising the glory of the Vedas and the seers and begins the grammar with a presentation of the ten *lakāras*:

tatrādau daśa lakārāh pradarśyante. lat. lit. lut. lrt. let. lot. lan. lin. lun. lrn. esu pañcamo lakaras chandomatragocarah.

Here, we first present the ten lakāras: laT. liT. luT. lrT. leT. loT. laN.  $li\dot{N}$ .  $lu\dot{N}$ .  $lr\dot{N}$ . Of these, the fifth  $lak\bar{a}ra$  is only available in the Vedas.

<sup>82-83.5 || (</sup>Rau 1977, 163). Note on translation: similar to the previous note, Rau uses nivrtta, tadantarāla, respectively for those marked with an asterisk.

<sup>14</sup> The ātmanepada l-form affixes marked with a T obtain zero-replacement to the syllable with the final in a group of vowels (A 1.1.64).

<sup>15</sup> The parasmaipada l-substitute affixes nal, atus, us, thal, athus, a, nal, va, and ma (A 3.4.82) of liT are optionally used for laT after the verbal base of vid.

An observation made by Valentina Ferrero and conveyed personally.

<sup>&</sup>quot;1. The All-pervading is supremely glorious and though without atributes is constantly being praised, day by day, by the Great Seers, illustrious with the attributes of Vaidic Studentship and Worthiness, and who possess all praiseworthy qualities. 2. In the First Half have been treated the affixes which occur in the Fourth and the Fifth Adhyâyas of Pánini. Now are being taught the affixes that occur in the third Adhyâya" (Vasu 1906, 1).

This approach might be in keeping with the idea that the pratyaya is taught first by Pāṇini in the third  $adhy\bar{a}ya$  and, correspondingly, should be presented first in a text that deals primarily with the  $prakriy\bar{a}$  aspect of the A. The  $le\bar{T}$  is immediately relegated to the Vedic section and removed from consideration as part of any  $prakriy\bar{a}$  dealing with the 'normal'  $lak\bar{a}ra$ .

## 2.2.1 SK 1: *vartamāne lat* (A 3.1.123)

vartamānakriyāvṛtter dhātor laṭ syāt. aṭāv itau.

The affix laT should be introduced after a verbal base [A 3.1.91] whose characteristic is an action performed in the present tense. a and T are designated as markers.

The SK presents the affix  $la\bar{T}$  in its role as the placeholder for substitute affixes which express actions occurring in the present tense. The l-form  $la\bar{T}$  then obtains the designation of it for its markers a and  $\bar{T}$  using A 1.3.2-3.18 The extremely short vrtti provides basic details relevant to derivation while the interpretative aspects are provided by the  $Tattvabodhin\bar{\imath}$ :

vartamāna ity etat prakṛtyarthaviśeṣaṇam ity āha -vartamānakriyāvṛtterdhātoriti.dhātoritisūtramātṛtīyādhyāyāntam adhikriyata iti bhāvaḥ. - laṭ syād iti. tasya vācyatvam anupadam eva sphuṭībhaviṣyati. vartamānakālas tu tadvācyaḥ kim tu dyotyaḥ eva. lanādiṣv api bhūtādikālo yathāyatham dyotya evety avagantavyam. vastutas tu vācyatvābhyupagamo' pi sugama iti vidhyādisūtre vakṣyāmaḥ. - aṭāvitāviti. akāra uccāraṇārtha iti tu noktam, liḍādivailakṣaṇyasampādanāt tasyāvaśyavaktavyatvāt. (Panshikar 2002. 332)

[The  $\bar{a}c\bar{a}rya$ ] maintained that the word  $vartam\bar{a}na$  qualifies the meaning of the prakrit [i.e. verbal base] -  $vartam\bar{a}nakriy\bar{a}vrtter$   $dh\bar{a}tor\,iti$ . It is to be understood that the aphorism  $dh\bar{a}toh$  [A 3.1.91] is placed as the heading and extends until the end of the third  $adhy\bar{a}ya$  - lat  $sy\bar{a}d$  iti. Its statement will only become evident step by step. However, the present tense expresses this, but it is only suggested. Besides, in the  $la\dot{N}$  etc. [l-forms] the past tense has to be gradually understood as only suggested.

The commentary attempts to create a verb + affix setup to compensate for the SK's focus on the affix - vartamana ity etat prakrtvarthaviśesanam itv āha - whereas the PK states it outright. Unlike the PK, the scope of the term vartamana has not been defined but the indication of its relationship with *prakrti* does furnish the meaning of the present tense to the verbal base. As a response to the use of the word *dhātu* in the *vrtti*, the *Tattvabodhinī* presents its relevance to the adhikāra of rule A 3.1.91 spanning the remainder of the third *adhyāya*. It also ascribes the true scope of a verbal base as that conveyed by the subsequent affix laT - tasva  $v\bar{a}cvatvam$  anupadam eva sphutībhavisyati. A brief explanation of the present tense being a *dyotya*, i.e. 'to be expressed, implicitly conveyed' and not *vācya* i.e 'expressing a sense' presents the development of a meaning from the combination of verbal base + affix. The commentary notes that more examples supporting this idea will be provided in the *vidhi* etc. rules (i.e. A 3.3.161) presenting the context within which each lakāra is used. The anuvrtti of the rule dhātoh is provided in the commentary with the note that its meaning is expressed by the term which follows it, making the *pratyaya* central to the derivational process. Another interesting fact is that the anunāsika in laT (A 1.3.2) is not commented upon which suggests that the intricacies of the svara do not hold much importance for the SK.19

# 2.2.2 SK 2: lah karmani ca bhāve cākarmakebhyah (A 3.4.69)

lakārāḥ sakarmakebhyaḥ karmaṇi kartari ca syur akarmakebhyo bhāve kartari ca.

l-forms should apply after transitive verbal bases [A 3.1.91] when an agent [kartṛ] or a patient [karman] has to be signified and after intransitive verbal bases when an agent or the mere action has to be signified.

The sequence of this rule is the same between the two texts but the approach to explanation is vastly different. The SK presents a very brief *vṛtti* which the *Tattvabodhinī* expands upon with the relevance of this rule with A 3.4.67 and 3.4.70. The commentary begins with the *anuvrtti* of A 3.4.67 *kartari krt*:

<sup>19</sup> This applies generally to the so-called 'regular' prakriyā as there are other rules where the svara has been mentioned by the SK later on in the bhvādi section but only when it is explicitly stated as part of a sūtra.

cakārāt 'kartari kṛt' ity ataḥ kartarīty anukṛṣyate, sakarmakaviṣayaṁ cedam. akarmakeṣu karmaṇīty aṁśasya bādhitvāt, bhāve cety uttaravākyena tatra viśeṣavidhānāc ca tad etad āha - sakarmakebhyaḥ iti - bhāve ceti. cakāreṇa kartaivānukṛṣyate na tu karma, asaṁbhavāt tadāha. - bhāve kartari ceti. (Panshikar 2002, 332)

'kartari' is drawn over from [the rule A 3.4.67] kartari kṛt by the use of ca and this [use] is intended as a characteristic of transitive verbs. In this manner, in the case of intransitive verbs and by the cancellation of the portion 'karmaṇi', he said this is valid because of the specific teaching of the following utterance 'bhāve ca'. By the [use of] ca only the agent is drawn over, not the object, due to its impossibility. He said this. - bhāve kartari ceti.

As the sūtra leaves an understanding of the sakarmaka to the explicit mention of the akarmaka, the commentary presents a short explanation to understand this mechanism of exclusion to ensure that the scope of the transitive is also understood according to the rule. One aspect of the argument also relates to questions regarding the relevance of this rule - nanu bhāvakarmanor ātmanepadavidhānāt 'śesāt kartari-' iti parasmaipadavidhānāc ca jñāpakāl lakārānām bhāvakarmakartāro 'rthā anumātum śakyanta iti kim anena sūtrena 'However, due to the teaching of the atmandepada ending in the bhāva and karman and due to the teaching of the parasmaipada endings according to the rule *śesāt kartari-* (A 1.3.78) the meanings of bhāva, karman, and kartr can be inferred through because of a clue. therefore, what is the purpose of this rule?' Answering this, the argument states that otherwise affixes such as  $GHa\tilde{N}$  etc. would become applicable to 1-forms attaching to transitive verbs in examples such as ghatam krivate devadattena, where the transitive action of forming a pot would be inaccurately expressed by the affix  $GHa\tilde{N}$  instead of the accusative. The affix  $GHa\tilde{N}$  is only introduced in the *bhāva* (A 3.3.18), which is applicable only for the intransitive verbs according to A 3.4.69. A significant portion of the argument is taken from the MBh on this rule.<sup>20</sup> The main idea here is that the rules A 1.3.13 and A 1.3.78 designate the verbal forms to be used in the *ātmanepada* and the parasmaipada while A 3.4.67 and A 3.4.69 relate to the lakāras. Depending on a specification of the lakāras is a more desirable option since it has a wider scope of application to verbal forms rather than an attempt to directly introduce specific verbal endings. The proposed argument is also a more indirect approach to designating the bhāva, karman, and kartr because after rejecting three possible re-formulations of this rule - 1) akarmakebhyah bhāve lah, 2) bhāve

cā karmakebhyaḥ, and 3) laś ca bhāve cā karmakebhyaḥ - the current form is accepted for the purpose of A 3.4.70 tayor eva kṛtya-kta-khalarthāḥ²¹ which also requires the anuvṛtti of bhāve and karmaṇi.

A major part of the residual commentary focuses on explicating the opinion of the grammarians against that of the Naiyāyikas regarding the function of the  $lak\bar{a}ra$  in understanding the meaning of the verb form. Ultimately, the idea of the verbal base + affix together creating the meaning of the word is highlighted as the most desirable and the meaning is not dependent exclusively on the affix. Considering the meanings that were introduced by the  $Pras\bar{a}da$  in A 3.1.91, the  $Tattvabodhin\bar{\imath}$  appears to refute them because they are not found in the MBh and, therefore, not acceptable to Patañjali. A variety of arguments considering the role of the Faraman and Faraman in various rules are presented with the commentators Kaiyaṭa and Haradatta being accepted as reliable authorities on the resolution of any particular argument.

# 2.2.3 SK 3: lasya (A 3.4.77)

adhikāro 'yam.

'This is an adhikāra (rule)'.

varṇagrahaṇe pratyayagrahaṇaparibhāṣā, arthavad grahaṇaparibhāṣā ca na pravartate iti lunāti, cūḍāla, ity ādau tibādy ādeśaḥ kuto na bhavatīti cet. atrāhuḥ. 'laḥ karmaṇi' iti sūtre nirdiṣṭānām kartrādyarthānām anuvṛtteḥ kartrādyarthe vihitasya lakārasya grahaṇam iti... yad vā dhātor ity adhikārād dhātor vihitasyaiva lasy eha grahaṇam iti noktātiprasaṅgaḥ. lasy etsaṅjñā tu na bhavati, phalābhāvāt. na ca litsvaraḥ phalam, ṇalo littvena tadabhāvasya jñāpanāt... (Panshikar 2002, 334)

'If the paribhāṣā 'varṇagrahaṇe pratyayagrahaṇa-' and the paribhāṣā 'arthavad grahaṇa-' are not applicable then why is the substitution of tiP etc. affixes [in examples such as] lunāti²³ ['he cuts'], cūḍāla²⁴

<sup>21</sup> A 3.4.70 tayor eva kṛtyaktakhalarthāḥ 'The affixes kṛtya and kta apply after a verbal base in the meanings of the affix KHaL (A 3.3.126) when it signifies those two (bhāve and karmaṇi) senses'.

<sup>22</sup> The commentary for this rule spans two pages in the SK so only a few small portions have been reproduced here for the sake of brevity.

<sup>23</sup> The parasmaipada present tense third person singular form for  $l\bar{u}\hat{N}$  chedane (DP 9.16) +  $\hat{S}n\bar{a}$  + tiP. The l belongs to the verbal base here and, thus, does not obtain substitution with  $ti\hat{N}$  affixes.

<sup>24</sup> Masculine/neuter singular vocative of  $c\bar{u}d\bar{a}la$  applies the affix laC and, so, also does not obtain substitution with  $ti\dot{N}$  affixes.

['he who carries the wick'] not possible? They said. The *kartr* etc. meanings taught in the rule lah karmani from anuvrtti obtains employment of an l-form supplied in the kartr etc. meanings... Alternatively, there is only the introduction of a lakāra introduced after a verbal base taught in the domain of the rule dhātoh [A 3.1.91], in this way there is no automatic extra-extension. And there is no designation of l as a marker due to its futility [phalābhāvāt]. Nor is the purpose the accent of the marker L, as can be understood by the absence of it for NaL embodied by the marker L...'

In the Astādhyāyī, this rule governs the section for l-substitutes and, in conjunction with A 3.4.78 tip-tas-jhi-sip-thas-tha-mip-vas-mas taātām-iha-thās-āthām-dhvam-it-vahi-mahin presents the rules that are the foundational substitutes for the lakāra affixes. In contrast, the SK only states that this *sūtra* is an *adhikāra*. The *Tattvabodhinī* presents a small commentary on the significance of the substitution of l with the *tiP* etc. affixes to understand the implications of the single *l* that is leftover from the *lakāras* in *prakriyā*. The commentary also refutes the applicability of the paribhāsās varnagrahane pratyayagrahana (Nāgeśa Pbh 21)<sup>25</sup> and arthavad grahane (Nāgeśa Pbh 14)<sup>26</sup> in carrying over the properties of a single phoneme of an affix to its substitute through sthānivadbhāva. The application of the tiP affixes in the meaning of the *kartr*, *karman*, and *bhāva* is dependent upon *sūtra*s which declare their affiliation with one of the three categories, such as A 3.1.68 kartari śap or A 3.3.18 bhāve.<sup>27</sup> Finally, the Tattvabodhinī declares that the *l* leftover after the zero-replacement of markers is not to be eliminated itself as it would make its existence futile. The commentary incorrectly equates the *l* with a marker *L* to help endorse its lack of accent with the absence of one in the affix NaL.<sup>28</sup>

<sup>25</sup> A paribhāṣā with these exact words is unavailable in both the Paribhāṣenduśekhara of Nāgeśa and the Vyādiparibhāsāvrtti, but the closest approximation that fits the meaning is paribhāṣā 21 of the Paribhāṣenduśekhara - varṇāśraye nāsti pratyayalakṣaṇam "(An operation) which is caused by an affix, does (in case the latter should disappear) not take place, if it depends on the letter or letters (of the affix and not on the affix as such)" (transl. Kielhorn, Abhyankar 1960, 111).

<sup>&</sup>quot;(A combination of letters capable of) expressing a meaning (denotes), whenever it is employed (in grammar, that combination of letters in so far as it possesses that meaning, but it) does not denote (the same combination of letters) void of a meaning" (transl. Kielhorn, Abhyankar 1960, 81-2).

<sup>27</sup> Of course, this point has a philosophical aspect dealing with the intention of the speaker but that has not been referred to by the sources in this section and, therefore, will not be included in the present analysis.

On the other hand, this does indicate that the Tattvabodhinī does not believe the rule A 3.1.3-4 applies to a lakāra.

2.2.4 SK 4: tip-tas-jhi-sip-thas-tha-mip-vas-mas ta-ātāṁ-jhathās-āthāṁ-dhvam-iṭ-vahi-mahiṅ (A 3.4.78)

ete 'ṣṭādaśa lādeśāḥ syuḥ.

'These eighteen [affixes] $^{29}$  should be substitutes of l-forms [A 3.4.77]'. $^{30}$ 

samāhāredvandvaḥ.iṭaṣṭakāraāgamalingamnabhavatisaptadaśabhirādeśaiḥ samabhivyāhārāt. kim tu 'ito 't' iti viśeṣaṇārthaḥ. er ad ity ucyamāne edhevahi edhemahīty atrāpi syāt, varṇagrahaṇe pratyaya grahaṇārthavadgrahaṇaparibhāṣayor apravṛtteḥ. kecit tu 'iṭo 't' ity atra lin ity anuvartanāl linādeśasyevarṇasy eti samānādhikaraṇyena vyākhyāne edhevahi edhemanhīty ādāv atiprasaṅgo nāsty eva. na hi tatra ikāramātram ādeśo bhavati. tena 'iṭo 't' ity atra ṭakāraḥ spaṣṭapratipattyartha evety āhuḥ...mahino ṅakāras taṅ tin iti pratyāhārārthaḥ, sa ca samudāyānubandho na tv avayavānubandho vyākhyānāt. (Panshikar 2002, 334)

'[This rule uses a] dvandva in the sense of a samāhāra ['gathering/ grouping']. The T of [the 1st p. sing. ātmandepada affix] iT is not an indication of an augment [i.e. by the rule A 1.1.146] but comes from mentioning together the seventeen  $[ti\dot{N}]$  substitutes. Furthermore, has the purpose of specifying ito 't [A 3.4.106]. When saying the substitution of *a* in the place of *i* [A 3.4.106], this [substitution] should also happen in the verbal forms edhevahi ['may you two prosper'l edhemahi ['may we prosper'] due to the inapplicability of the paribhāsā of varnagrahane pratyayagrahanam [Nāgeśa Pbh 21] and the paribhāsā arthavad grahana [Nāgeśa Pbh 14]. 31 Some, however, maintain that by the *anuvrtti* of  $li\dot{N}$  in the rule *ito 't*, the l-substitute of  $li\dot{N}$  i does not have an automatic extra-extension at all by co-occurrence in the exposition of edhevahi, edhemahi etc. Indeed, here only i becomes a substitute. It is said only for a clear understanding of the t of the rule ito 't... the  $\dot{N}$  of mahi $\dot{N}$  is for [the formation] of the pratyāhāra [ $ti\dot{N}$  or  $ta\dot{N}$ ], therefore it is the marker of a group but not a marker of a component due to the exposition [of the affixes]'.

The SK only provides the basic definition of the rule in the vrtti but the  $Tattvabodhin\bar{\imath}$  branches out into an analysis of the first person singular  $\bar{a}tmanepada$  affix  $i\bar{T}$  according to the rule A 3.4.106.<sup>32</sup>

<sup>29</sup> pratyayah A 3.1.1

<sup>30</sup> lasya A 3.4.77

<sup>31</sup> See footnotes 25-6 for the meaning of the *paribhāṣās*.

**<sup>32</sup>** Correspondingly, since the subject of this rule has been addressed here in A 3.4.78, the commentary for A 3.4.106 itself does not say much.

The marker  $\dot{N}$  is clarified as being used to create the *pratyāhāra* designation of  $ta\dot{N}$  and  $ti\dot{N}$  rather than influencing the process of auna for examples such as iseh and esisīmahi. Similarly, words such as vrscateh, prscateh, vavraścimahe, and papracchimahe do not obtain samprasārana through the rule A 6.1.16 either. There is definitely a variety of forms used, albeit with a degree of complexity that the SK does not prepare the student for. For example, the word form esisīmahi is the karman form of the verbal root isa of the kryādi gana in the  $\bar{a}tmanepada$  augmented by  $\bar{a}\dot{N}$  and using the NiC form of the benedictive mood  $(\bar{a}\dot{N} + isa \bar{a}bh\bar{i}ksnye + NiC + li\dot{N})$ . The verbal form ise is the second person singular ātmanepada form for in gatau of the adādi gana. Similarly, the forms vavraścimahe and papracchimahe are formed from vraśca originating from a sūtra A 8.2.3633 and praccha which originates from praccha jñīpsāyām of the tudādi gana and is in the ātmanepada. This sūtra does not contain a bhāsya by Patañjali; however, the Tattvabodhinī is very similar to the Nyāsa's commentary on this rule, suggesting a possible influence. The claim that the sole purpose of the marker  $\dot{N}$  of mahi $\dot{N}$  is to form a pratyāhāra falls short of offering the explanation that its purpose to cancel the process of guna is invalidated by the rule A 1.2.4 sārvadhātukam apit.34 The Nyāsa on this rule is a little more detailed while the Tattvabodhinī has condensed a lot of the information and made the commentary a little more difficult to follow.

#### 3 Conclusion

In terms of innovation, both the texts are clearly novel in their own way for the manner in which they present the rules of the *Astādhyāyī* but it is equally evident through their distinctive approaches that they appear to have different aims. The PK, as stated within its name, focuses on illuminating *prakriyā*, including only the immediately relevant considerations regarding the rules of Pānini within the sequence constructed by the text. The initial verse provides the context of *prakrti* + *pratyaya* and this is the foundation of the subsequent rules to build the skeleton of a verbal form. The PK's approach to the establishment of the lakāras is heavily aided by the Prasāda which complements the main text with verses from the *Vākyapadīya* as well as the MBh to establish the authority of its arguments within the gram-

<sup>33</sup> A 8.2.36 vyaśca-bhrasja-srja-mrja-yaja-rāja-bhrāja-cchaṣām ṣaḥ 'The last letter of the verbal form of  $vra\acute{s}c$ , bhraj, srj, mrj, yaj,  $r\ddot{a}j$ ,  $bhr\ddot{a}j$ , and those ending with the letter  $\acute{s}$ and *ccha* are substituted with s when followed by affixes beginning with letters of jHaL.

A 1.2.4 sārvadhātukam apit - A sārvadhātuka affix which is not marked with P is understood as though marked with  $\dot{N}$ .

matical tradition. Some of these arguments, such as that of the transitive and intransitive verbs, are later refuted by the Tattvabodhini due to their non-correspondence with the MBh. The SK, on the other hand, presents very short *vrtti*s with similarly short explanations by the Tattvabodhini, excepting the rule A 3.4.69. The content of the *Tattvabodhinī* appears to focus more on a few technical details that need a grammatical reasoning. The PK-Prasāda approach conveys its arguments in the sense of a balanced formation of prakrti + pratyaya while the SK-Tattvabodhini approach orients itself around the formation of an affix which is later attached to a verbal base. 35

Both these texts are obviously not completely true to the *Astādhyāyī* and require much didactic material to be added so that they can be used as a pedagogical text. Considering the primarily oral nature of the Sanskrit tradition, it is understood that the texts may be read more creatively depending on the scholar. Despite this, the prakrivā and the inclination of the scholar to adhere to the structure of the text ensure a degree of predictability in their use. In terms of the sūtras studied here, the PK's approach provides a more systematic introduction to the foundation of the *lakāras* due to its introduction of the anuvrtti and the presentation of examples. In contrast, the SK's method is more focused on maintaining correctness in the derivation with a view towards cultivating a reverence for the study of the śāstras. The SK, while claiming a more Pāninian approach, is a text that cannot be read on its own to develop an understanding of grammatical concepts whereas the PK manages to convey the main point decisively in these four rules. There are also references to topics and rules that have not yet been addressed in the text of SK at this point and are not particularly relevant to the stage of derivation. In this sense, the PK is more consistent about its content and seems to provide a progression into the subject matter. The Sanskrit used by the PK and the Prasada is unrefined and basic compared to that of the SK and the *Tattvabodhinī*. However, the *Prasāda* is also a more student-friendly commentary than the TB which appears to use a mix of commentary from the Kāśikāvrtti, Nyāsa, Padamañjarī, and the MBh. A more extensive study of the texts and their contexts may shed more light on the forthright wording of the PK or the elusive subtleties within the SK.

<sup>35</sup> Deshpande (2016) explores the possible religious backgrounds of the scholars in the grammatical tradition and how their view is reflected in a dualistic vs non-dualistic view of meaning in a verbal form (i.e.  $dh\bar{a}tu + affix$ ).

## List of abbreviations

A = Astādhyāyī of Pānini SK = Vaivākaranasiddhāntakaumudī of Bhattoii Dīksita PK = Prakriyākaumudī of Rāmacandra Śesa MBh = Mahābhāṣya of Patañjali

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