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which it is placed. A novelist can often take an actual 'given' character he knows in life and put the character in quite different circumstances, with different bodily traits, while retaining the sum and substance of an identity. This is how we do get recognizable people, inhabiting a different body and quite different imaginary situations. But here also lies an important distinction between character and bhava-rupa. A bhava $r\overline{u}pa$ is not as independent of the outer $n\overline{a}da$ - $r\overline{u}pa$ as character is of the body. A bhava-rupa affects the nada-rupa, can modulate it to an extent, but it cannot 'inhabit' quite another nada-rupd; it cannot like a character assume a very different body altogether. It is much more essentially tied down to a nāda-rūpa. The wonder really is that in a $r\bar{a}ga$, which is pure structure or form, an interacting duality of an inner acting on the outer can at all be palpably made. Perhaps, any selfconscious creative process does two things by nature: it seeks some kind of identity—as it does through $r\bar{a}gad\bar{a}r\bar{i}$ —and in doing so initiates a duality of an inner linked to an outer.

The two very different analogies we have discussed above. I believe, afford two different insights into the nature of $r\bar{a}ga$ and its identity, insights which complement and complete each other, however disparate they might seem to be. Character provides a metaphor for the embodied aspect of $r\bar{a}ga$ as a felt $bh\bar{a}va$ - $r\bar{u}pa$, with an inner being merging into an outer 'body'. But character is perhaps weak as an analogy for the plurality of $bh\bar{a}va$ - $r\bar{u}pa$ (despite what we have said above), as well as its 'abstract' quality. Here the analogy of idea or concept seems more apt. This analogy focuses on $\bar{a}l\bar{a}pa$ in $r\bar{a}gad\bar{a}r\bar{i}$ and its key role in formulating an identity, where plurality is seen as necessary to it as an identity-seeking reflexive activity. It allows us to see $\bar{a}l\bar{a}pa$ as a 'thinking', ratiocinative activity rooted in self-consciousness. Together the two different analogies, I think, suggest the identity of a $r\bar{a}ga$ as a 'felt concept'.

A crucial distinction between character and $bh\bar{a}va-r\bar{u}pa$ is that characters as imaginative entities reflect living human beings. We do not create fliving human characters (unless we speak of self-creation in some unusually profound sense); we only reflect them or recreate them through imagination. But $r\bar{a}gas$ are more palpably created by us. $R\bar{a}gas$ assume us. Somewhat in the same sense as do concepts. Praśastapāda's Mapping of the Realm of Qualities: A Neglected Chapter in Indian Philosophy

DAYA KRISHNA Jaipur

Qualities are all that we know, and what else can we know but them. Yet, they are a most neglected subject in philosophical reflection. Locke might have distinguished between primary and secondary qualities, and others might have added the idea of tertiary qualities to them, but that is not to talk of qualities, but of their relation to consciousness. Even Buddhists who gave up the notion of 'substance' and denied its 'necessity' for thought, do not seem to have engaged in any in-depth exploration of the categorical variety in the realm of qualities, perhaps because they too were interested only in their relation to consciousness, as is evident in the vast Abhidhamma literature on the subject. As for the rest, it is substance, the 'know-not-what', the 'thing-in-itself', the Atman or the purusa which is the centre of their attention. The Sāmkhyanas do talk of sattva, rajasa and tamasa but, though considered as qualities or gunas of prakrti, they too are defined and understood only in relation to consciousness. The 'ego-centricity' or 'selfcentricity' or 'consciousness-centricity' of philosophical thought, whether in the east or the west, seems to have ensured that 'object' which is constituted by its qualities and qualities alone, shall be treated as secondary and in a perfunctory manner, even when the 'self' or the 'subject' itself appears as such, that is, as 'object'.

The Vaiśesikas are a notable exception and Praśastapāda's treatment of the subject is challenging in more ways than one. He is said to have divided them on the basis of twelve different criteria which, however, are not as clear-cut as one would have wished them to be. Yet, there are interesting insights which, if critically reflected upon, may help us in thinking about the subject in our own times.

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Praśastapāda's first criterion draws our attention to the radical distinction between qualities that are abstract or $am\bar{u}rta$ as he calls them and $m\bar{u}rta$ or concrete, a distinction that is different from the one drawn by Locke or Galileo in the western tradition. The former are grasped, so to say, by reason, while the latter are grasped by the senses. The latter are further divided by him into the inner and the outer senses, and even amongst the latter he distinguishes between those that are grasped by one sense alone and those that are grasped by more than one sense.

The distinctions, though clear at first sight, lead to difficulties and even inconsistencies which do not seem to have been seen by the Nyāya-Vaiśesika thinkers, as the two have been clubbed together in the Indian tradition. In fact, even Praśastapāda does not seem to have realized them as will be evident if one closely examines the diverse criteria he has offered for distinguishing between qualities in his system.

First, what exactly is meant by the term 'inner sense' and what exactly are the 'qualities' grasped by it? Is it the same as *manasa* or what has been called 'mind' in the Western tradition? Also, is there only one 'inner sense' or are there more than one?

Similar problems bedevil the idea of qualities that are apprehended by more than one sense. Normally, each of the senses apprehends only the qualities that can be apprehended by it, and if one apprehends something through more than one sense, one is said to perceive or apprehend an 'object' to which those qualities belong. The 'qualities' themselves remain 'separate' in the sense that they are grasped by each of the senses singly and separately.

There is the additional problem regarding the qualities that are supposed to belong to a 'whole' which consists, of parts. Praśastapāda makes an interesting distinction in this context between qualities which are the same as the qualities of the parts and those that are distinctly different from them. The latter are what have been called 'emergent' qualities and the 'wholes' to which they are said to belong, 'organic wholes'. But, though he makes the distinction, he does not make it clear whether these are sensuously apprehended or not. The question is important, particularly in the case of those qualities in the 'parts' that are themselves sensuously apprehended. The problem will get still more complicated in case of 'wholes' whose parts have properties that are apprehended by different senses. And, in case the parts or at least some of them are supposed to have what Prasastapāda calls *amūrta* or abstract qualities, the so-called 'emergent quality' of the whole will itself be $m\bar{u}rta$ or *amūrta*, concrete or abstract, or an amalgam of both.

Abstract qualities themselves are not supposed to be grasped by the senses, but by reason. In fact, that *is* the reason why they are called 'abstract'. But in case they are apprehended in an object which is grasped by the senses, then the so-called $m\bar{u}rta$ or concrete object will have qualities in it which are grasped by reason, and reason alone, and thus will have to be thought of as $m\bar{u}rta$ and $am\bar{u}rta$ at the same time.

The distinction between $m\bar{u}rta$ and $am\bar{u}rta$, though generally made, is not clear as nothing could perhaps be more 'concrete' than pleasure or pain, or desire (*icchā*) or say, the apprehension of a quantitative or qualitative relationship such as $2 \times 2 = 4$ or the 'aesthetic matching' between two spaces or two forms, or colours which occurs in architecture or painting. Yet, these are generally regarded as 'abstract' qualities even though they are as immediately apprehended as colour, smells, taste, touch or sound.

Perhaps, the distinction could be drawn in terms of what is grasped by the senses, whether internal or external, and what is grasped by *buddhi* or reason. Praśastapāda draws this distinction also, as well as the one between $p\bar{a}m\bar{a}nya$ and *viśesa*, or those that are universal and those that are particular. But he does not seem to see the relation between the two and, in fact, does not appear even to grasp the point of the distinction between 'reason' and 'sense' as he treats pleasure and pain, or even *icchā* and *dveśa* as grasped by the former. Interestingly, he also puts *dharma* and *adharma* in this category and suggests that moral qualities are grasped by reason and that this is what distinguishes man from all other animals with whom he shares other qualities belonging to them both. In contrast, the western tradition ascribes *only* the knowledge of 'universals' to reason and not that of values, even though the idealist tradition from Plato onwards tried to conflate the two. The attempt, however, was unsuccessful mainly because

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mathematics was taken as the paradigmatic example of truth grasped by reason, a turn for which Plato himself has to be held responsible.

But, paradoxically, buddhi which may be regarded as the Sanskrit term for 'reason', is considered a 'quality' in the Vaiśesika system and is mentioned as such in the Vaisesika sutra 1.1.6. On the other hand, sāmānya and viśesa are said to be 'dependent' on buddhilin the Sūtra 1.2.3 सामान्यें विशेष इति बुद्धयपेक्षम. In other words, they do not have an 'independent' or 'nirapeksa' sattā of their own, as is asserted of dravva, guna and karma in the Sūtra 1.2.8. Praśastapāda also puts buddhi in the category of guna and treats it as amūrta in his Padārthadharma Samgrah (Praśastapāda Bhāsvam. Varanasi, Sampūrnānahda Sanskrit Viśvavidyālaya. 1977, p. 229.). Yet he also, like Kanāda, considers certain qualities as 'buddhyāpeksā' but, surprisingly, he does not include sāmānya and višesa amongst them. For him, it is paratva, and aparatva, dvitva and dviprathakatva which have this characteristic (ibid., p. 239). He, of course, adds the term 'ityādi' or 'et cetra' to suggest that there may be other qualities which share this characteristic also. But Srīdhara Bhatta in his commentary on the text added *tritva*, etc. (ibid., p. 239). Like Kanāda and Praśastapāda, he does not see the problem posed by this. Nor does he seem to notice the fact that Prasastapada's list does not include the ones given by Kanāda in the Sūtra 1.2.3. In his discussion of sāmānva and visesa he does not seem to raise the question whether they are 'buddhyāpeksā' or not.

But the fact that both Kanāda and Prasastapāda make a distinction between entities whose 'existence' or 'being' can only be conceived of as 'being there' because of *buddhi* and those that are independent of it raises important issues for the *Vaisesika* view of feality. The *buddhi*, it should be remembered, is explicitly conceived of as 'knowledge' in the *Nyāya Sūtras* where it is defined as '*upalabdhi*' or '*jñāna*' (1.1.15) and if certain entities come into being just because of this activity, then in each type of 'knowledge' one will have to distinguish between those elements which are there *because* of something being known and that which is known *because* it was there to be known. The author of the *Nyāya Sūtras* seems to be aware of this to some extent as evidenced in his definition of perceptual knowledge which he characterizes as *vyavasāyātmakam*, *avyapadeśyam* and *avyabhicāri* (1.1.4). Perceptual knowledge, it is being suggested, need not necessarily have these characteristics, and in case it is so it cannot be treated as a *pramāna*. Something may be perceived and yet the resulting knowledge need not be a *pramāna*, as is well known in the case of perceptual illusion.

But once one accepts this, one will have to develop some sort of a theory of *pratyakṣābhāsa* on the analogy of *hetvābhāsa* even though, as far as I know, it has not been developed in the tradition, perhaps because of the fact that tradition itself is not clear as to what a *pramāna* is. The *Nyāya Sūtra* only enumerates the *pramānas* and does not give its *lakṣana* which was mandatory for it if it was to follow its own practice in respect of the particular *pramānas* later on. In fact, if there can be a *pramānābhāsa* as is accepted in the case of *anumāna* and if it has to be extended to all the other *pramānas*, then one will have to give some criterion or criteria to distinguish between a *pramāna* which gives true knowledge and one which does not. One may define *pramāna* as that which gives *pramā* but that will be to give a circular definition and hence one will have to give some independent criterion of what is *pramā* and not just say that *pramā* is what is given by a *pramāna* and *pramāna* is what gives a *pramā*.

It is true that circular definitions are not always considered vicious and some logicians have recently talked even of 'virtuous' circularity but the present circularity is *prima facie* undesirable and unless proved otherwise has to be avoided, if possible. Nyāya itself attempts to do so, at least in the context of *anumāna* explicitly and of *pratyakṣa* perhaps not so explicitly. The whole discussion of *hetvābhāsa* in the case of the former attests to this, as the inclusion of *doṣas* in the case of the *indriyas* does in the case of the latter. But the fact that *Nyāya* thinkers did *not* realize the necessity of making this distinction is shown by the fact that they did not draw it in the case of either *śabda* or *upamāna* which they *also* treated as *pramāṇa* in their system. Not only this, they did not even think of applying the notion of *doṣa* in the case of the internal sense or the *antarīndriya* through which one was supposed to apprehend pleasure, pain, desire, aversion, *dharma*, *adharma*, etc.

The idea of *dosa* does occur in Nyāya and that too in a generalized fashion so as to be almost coterminus with *pravrtti*. But, then the Nyāya thinker forgets that the whole *pramāna vyāpāra* is, and has to

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be, inevitably carried on within this basic *dosa* which destroys the distinction between $pram\bar{a}$ and $apram\bar{a}$ at its very foundations as everything becomes an $apram\bar{a}$ if one takes the contention seriously.

The so-called *pramā* ultimately becomes meaningless if *pravrtti* itself is regarded as a *doṣa* by everybody, and even the criterion of *pravrtti-sāmarthya* which is supposed to distinguish true knowledge from false makes no sense, if one accepts the equation given in the *sūtra* 1.1.2 of the *Nyāya Sūtra*.

The Vaiśesika Sūtra, at least at the *prima facie* level, does not seem to make this move and hence does not seem to suffer from the apparent conflict between the two proclaimed *prayojanas* of the *Nyāya Sūtra*, that is, *nihśreyasa* and *apavarga*. It regards both *abhyudaya* and *nihśreyasa* as the fruit of *dharma* and if *nihśreyasa* is understood in the sense of the *Nyāya Sūtra*, then one will have to find how *apavarga* or *moksa* can be accommodated within that system.

Praśastapāda treats dharma and adharma as amūrta, vaiśesika, atīndriya, akāraņaguņapūrvakāh, samyogaja, samānāsamānajātyārambhakāh, ubhayatrārambhakah, kriyāhetavah and are nimitta kāraņa, and yāvaddravyabhāvitvam.

Praśastapāda, it should be noted, places each of the *gunas* that he has already listed in one or the other of these twelve categories, each of which consists of a pair. He is empirical enough to observe that some of them may belong to both the classes which generally exclude each other. In this he is closer to modern logic which admits in the case of relations properties that cannot be attributed in a clear-cut, exclusive 'either-or' manner to those relations as they can be done in other cases. It is the 'empiricality' of the relation that creates this problem in some cases, and it is strange that Kant did not see this in his discussion of the categories of understanding in his system.

Kant did not raise the question whether all the twelve categories have to be simultaneously applied in every act of judgement, or that only *one* out of the four sets of quantity, quality, relation and modality has to be applied in each case depending upon the 'appropriateness' or 'fittingness' of the category so chosen to the object concerned. Praśastapāda is not so concerned either, but he seems to believe that the heart of both epistemology and ontology is an understanding of the qualities that we ascribe to substance and the exact characteristics that they have. He devotes a major part of his work to this exercise and its understanding, I believe, may provide a clue to an important aspect of Indian philosophizing which has not been paid attention up till now.

Kant, it should be noted, is not interested in 'qualities' at all. By that term he merely means, following Aristotle, whether the judgement is affirmative or negative. He adds the third alternative 'limitation' only to make the list threefold, forgetting that it has nothing 'logical' about it. In fact, the term 'quality' in the sense of predicate occurs under the heading of 'relation' where it occurs as 'Substance-Accident' and reminds one of the category of samavāva in the Vaiśesika system. Substance, it should be noted, is not an independent category in Kant; it occurs in a relational context and the 'name' for it is just the same as in the Vaisesika system, that is, inherence. Even the other term of the relation, 'accident', does not make much sense as it not only does not distinguish between essential and accidental properties, but also between them and what may be called 'relational properties' which all are usually treated collectively as 'predicates' in traditional logic. Kant, strangely, has no 'real' relations under the category of 'relation' in his categorical scheme. 'Causality' and 'Reciprocity' are not judgemental relations, but are rather empirical in nature involving the notion of time which has already been treated as the form of inner sensibility in the Transcendental Aesthetic. Besides this, at least 'causality' involves the notion of 'necessity' which itself is a category under the heading of 'modality'. There is just no place in Kant's scheme for such simple relational statements as 'A is between B and C', a judgement which requires three substances to obtain and not one.

Praśastapāda, interestingly, brings in the notion of 'causality' in the understanding of 'qualities', but does so in a strange manner. For him, a quality can be seen in a causal context as being the product of qualities similar or dissimilar to itself, and as giving rise to other properties which may be *samānajātīya* or *vijātīya*, as the case may be. The Sanskrit terms practically mean the same as 'similar' or 'dissimilar' though, strictly speaking, they mean belonging to the same *jāti*, that is class or genus or universal, as the case may be. This, however, is to see the qualities in a dynamic context where they are seen as 'arising' and

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'giving rise to' and thus being essentially related to time, involving almost a Buddhist way of looking at reality, something that no one would have dreamt of associating with the Vaiśesika way of looking at things.

But Praśastapāda is not wedded to time or obsessed by it as the Buddhist seems to be. He is equally aware of the 'space-occupying' character of qualities and distinguishes them on this basis as those which belong to the 'object-as-a-whole' or belong only to one specific part of it. The term used is 'pradeśa-vrttitva' and 'vyāpitvam'.

A similar categorization of qualities occurs in respect of their relationship to the qualities of the parts of which the whole is constituted. The quality of the 'whole' may be the same as the quality of the parts, or different from it. The nature of the relation between these two, however, is not clear but judging from the emphasis on 'causality' in the classification adopted, one may surmise that it may be so.

The classification or categorization of qualities given by Prasastapada, thus, deserves a closer examination than has been given to it up till now. At times, it seems that the qualities actually enumerated under the category do not illuminate or clarify the nature of the category. Sometimes, the fact that some qualities are included under both the categories adds further to the confusion. But, inspite of these and other limitations, Praśastapāda's exercise challenges us to think about the problem anew, for it is only the qualities that we know, and to 'know' more about them would certainly be desirable from all points of view. But, then; qualities, will have to be ascribed 'qualities', a doctrine that is expressly rejected by Prasastapada in his own definition of quality as dravyāśrītvam, nirgunatvam, niskrivatvam. How could this definition be sustained in face of the detailed characterization of qualities by him, which, prima facie involves a manifest inconsistency, is the question which scholars and votaries of this school have to address themselves to. Not only this, how could he ascribe *niskrivatvam* to them when so many of his characterizations are based on karanatvam. Terms such as 'kriyāhetavah', 'ārambhakartvam', 'samyogaja', 'karmaja', 'akārana', 'kārana', etc. are freely used in the characterization of qualities that are extensionally enumerated by him, adding to those that were given in the Vaiśesika Sūtra without adducing any reasons why he is doing so.

And, strangely still, he adds even to these in his explication of the categories under which he wants to include them. Many of these seem to be complex properties compounded out of other properties, built for some reason or another for some purpose. Such are, for example, उष्ण and अनुष्ण (241, 244, 246), एकत्व, एकप्रथकत्व, द्वित्व, द्विप्रथकत्व सासिद्धिक द्रवत्व (243, 247, 249). But it will be more difficult to explain such formations as (231, 238) and सासिद्धिक द्रवत्व (230, 249) and almost impossible to do in case of तलम परिमाणोतर संयोग (238) and ज्ञान (241). The last that is $jn\bar{a}na$ may be said to raise no difficulty, but if it is remembered that it is not included amongst the original qualities mentioned by Praśastapāda, and that buddhi which is supposed to mean the same as Jnana, is mentioned separately in these lists, then its independent mention in the discussion of qualities would be seen as justifiably raising a problem in the context of Vaiśesika thinking on the subject. But whatever may be the case for jñāna no one, I hope, will dispute that there is some problem about the bizzare property concoeted by the author of the Padārtha-dharmasamgrah where he mentions tūlaparimānottarasamyoga as a property. And, who would deny that all these properties involve having another property in respect of a property?

It may be said that such a construal of what Praśastapāda has said depends on a total misunderstanding of his contention in this regard. He is not saying that qualities have these characteristics, but that they reside in *dravyas* or substances that have these characteristics. This is clearest in the case of $m\bar{u}rta$ and $am\bar{u}rta$ which as Śrīdhara Bhatta's commentary makes amply evident characterize the *dravyas* and *not* the *gunas* to which they are mistakenly thought to belong. It is not $r\bar{u}pa$, *rasa, gandha* or *sparsa* which are $m\bar{u}rta$ but the substances or *dravyas* to which they belong.

The argument, or the explication, may be extended to all the other characterizations of qualities which Praśastapāda has discussed in his work. But, then, these will have to be treated as qualities, as *gunas* of the *dravyas* and *added* to the list he has given. This, however, has not been done, as no list of the *gunas* given by the Vaiśesika thinkers includes them. Not only this, they are not *gunas* in the usual sense.

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They have some sort of a necessary dichotomous division between them. A *dravya* has to be either $m\bar{u}rta$ or $am\bar{u}rta$. No *dravya* can be both, though a quality may belong either to one, or the other, or both.

These qualities, then, are radically different in nature from the others enumerated by him. They are categorical in nature, in that all *dravyas* shall have to belong to one of the dichotomous pairs mentioned by him in his discussion of the subject. They are also second-level qualities as the qualities mentioned by him have to belong to the *dravya* classified by him on this basis.

Understood in this way, Praśastapāda's classifications would be seen as providing ontological categories for the description of the qualities of the dravyas that are found in the world. But one problem would remain even then. He had defined gunas not only as nirgunatvam, but as niskriyatvam and many of these categorical qualities have been defined in such a way that they impose a 'causal' activity or function on the first-level qualities he had already enumerated in his work. In fact, one of the basic distinctions in this respect is between those which do not need these activities and those which do, that is, those which are 'akārana' and those which have kāranatva in them and, if so, they cannot be niskriva as defined by him. But even if someone attempts to save the definition by taking recourse to the same strategy as was adopted in the case of *mūrta* and *amūrta*, then one will have not only to add to the list of karma or activities originally enumerated in the system, but will have to treat them as typically different from them on the same ground, as given in the case of gunas above.

There is, thus, a lot to challenge contemporary thinkers in the discussion of Praśastapāda on the subject. And, once one does so, one will find that many of the 'orthodox' positions ascribed to these thinkers need a radical revision in the light of their own work, i.e. the texts attributed to them. Besides this, they may also discover a lot of physics prevalent in those times and the problems it was raising for the thinkers of that age. The House of Vaiśeşika needs to be opened once more and fresh air let in so that it may begin to house 'living thought' in it once again.

The Sānkhya Argument for the Self and Some Related Issues

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RAMESH KUMAR SHARMA University of Delhi, Delhi

This is in continuation with the first part, which has already appeared in JICPR, Vol. XIX, No. 1.

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We pass now to consider in greater detail one of the most thorny questions connected with the Sāmkhya philosophy. This is the question of the real or imposed agenthood of the self whose twin interests, *bhoga* and *apavarga*, *prakrti* seeks to promote through its creation, the manifest world. This issue has traditionally been sought to be solved in mainly two ways: (1) the 'single reflection' theory advocated by, chiefly, Vācaspati, and followed by others, and (2) the 'mutual reflection' theory proposed by Vijñānabhiksu, who finds Vācaspati's solution unsatisfactory.

To take up Vācaspati first, we saw above in our consideration of *SK* 20 that however inscrutable the whole proposition stated therein may be, all commentators take the two-fold appearance it posits literally and seriously. In fact, Vācaspati goes to the length of attributing this illusion—the illusion that the (inactive) self (consciousness) is active and that the (non-conscious) *buddhi*, etc. are conscious—to the proximity of self and *buddhi* (*bhrāntibījam tatsamyogah tatsannidhānam*). Consideration of the full implications of this comment of Vācaspati we shall postpone for the present. The immediate point to be noted is that instead of choosing the present and certainly more relevant occasion, Vācaspati prefers his gloss on Kārikā 5 to express his first ever statement of how he views the crucial agency problem and its resolution:

The *purusa* indeed is conscious and has no contact whatever with pleasure, knowledge, etc.; he, on account of being reflected (*pratibimbita*) in the *tattva* called *buddhi*, and so being identified

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