EPISTEMOLOGICAL NEGATIVE DIALECTICS OF INDIAN LOGIC – ABHĀVA VERSUS ANUPALABDHI

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The problem of negation is primarily an epistemological one: How do we know the absence of a thing? On this question the Indian Logic¹ is divided into two main groups: the Realist and the Idealist. The former consists of the systems in which the absence $(abh\bar{a}va)$ is conceived as a real non-entity $(pad\bar{a}rtha)$ and as such is a real object of its corresponding negative cognition $(abh\bar{a}vadhi)$. In spite of certain differences the Nyāya-Vaišeşika and the Bhāţţa-Mīmāṃsā systems belong to this group.

The second group comprises of the later Buddhist logicians led by Dharmakīrti and the Prābhākara-Mīmāmsā thinkers who reject the objectivity ascribed to 'abhāva' by the Realists. According to the Idealists negation is an inferential judgment and as such the cognition of absence of a thing is only a logical synthesis (*vikalpa*). Absence of a perceptible thing (*drśya*) is inferred from its non-perception (*anupalabdhi*) and from the perception of something else, namely, the *bare locus* (*bhūtalamātra*). The suggestion of the perception or the presence of the thing negated remains as an imposed ideal situation (*drśyatvabuddhau samāropāt*).

Now the question is: Can Negation be an independent means of knowledge (*pramāņa*)?² The view that it is an independent means seems to be very old. According to the *Bhāşya* of Praśastapāda the *Vaiśeşika Sūtra* (IX.i.5.) rejects the view of the negative means.³ In the Nyāya

¹ The present investigation will be limited to the Buddhist and the Bhāţţa-Mīmāṃsā systems of Indian Philosophy.

² The term 'pramāņa' is not well defined in Indian logical writings. It is used in the sense of either (a) the means of knowledge, or (b) the form of cognition, or (c) the means of proof. (Cf. Ganganath Jha, *Sadholal Lectures*, p. 28.) Here the term will be used in the first sense. It should also be noted that the term 'Negation' will be used to express Kumārila Bhatța's theory of 'abhāva-pramāṇa', 'Non-opprehension' for the later Bhatța's theory of 'yogyānupalabdhi', and 'Non-perception' for the Buddhist theory 'drśyānupalabdhi'. However, in quotations of modern writers they may occur as synonyms.

³ Padārthadharma-samgraha, ed. Vindhyeshvariprasad Dvivedin (with Nyāyakandalī of Śrīdhara) (Vizianagram Sanskrit Series) (Banares, 1895), p. 225.

Sūtra (II.ii.2) there is refutation of negation as the *means*. Subsequently, with the exception of the Pūrva-Mīmāmsā all schools of Indian logic rejected this theory.⁴

п

The theory of the negative means evidently belongs to the Pūrva-Mīmāmsā system alone. This system accepts the six means of knowledge: (1) Perception (pratyaksa), (2) Inference (anumāna), (3) Analogy (upamāna), (4) Verbal Testimony (sabda), (5) Presumption (arthāpatti), and (6) Negation (abhāva).⁵ The Nyāya-Vaiśeşika admits only the first four while the Prābhākara-Mīmāmsā rejects the last one, namely, the Negation.⁶ The Buddhist logicians accept only the first two pramānas.⁷ It is evident from the early texts of the Pūrva-Mīmāmsā that it was this school of thought alone that propounded Negation as a *pramāna*. Sabarasvāmin commenting on the Jaimini-Sūtra (I.i.5.) said that "Negation stands for the non-existence (or the non-operation) of the (other five) means of Knowledge; and it is what brings about the cognition that '... does not exist' in regard to things that are not in contact with the senses."8 Śabarasvāmin appears to have endorsed the view of a Vrttikāra, most probably Upavarsa, who had postulated the six means in the system before Sabara.⁹ Kumārila Bhatta in his exposition of the Sabara Bhāsya affirms: "Validity (pramānatā) of Negation (as the means of knowledge) is to apprehend the fact (sattā) of the (negative) entity (vastu) where the five (positive) means of knowledge in case of cognising the (negative) form of reality (vastu-rūpe) fail."10

Ш

Now the problem arises: How do we determine the validity of a negative

¹⁰ Śl.V., p. 473 (Abhāva ch. vers. 1-2): pramāņapañcakam yatra vasturūpe na jāyate. vastusattāvabodhārtham tatrābhāvapramāņatā.

⁴ Cf. A. B. Keith, Indian Logic & Atomism (Oxford, 1921), pp. 53-57.

⁵ Śloka-vārttika (henceafter Śl.V.) of Kumārila Bhațța, ed., with the commen. 'Nyāyaratnākara' of Pārthasārathi Miśra by Ram Shastri Tailanga (= Chowkhamba Sanskrit Series) (Banares, 1898), Codanā-sūtra, verse 111, p. 60.

⁶ Cf. M. Hiriyanna, *Essentials of Indian Philosophy* (London, Allen & Unwin, 1949), pp. 99-100, 143.

⁷ Nyāya-praveša of Dignāga, Pt. I, ed. with notes by Anandshankar B. Dhruva (Baroda, Oriental Institute, 1930), p. 7.

⁸ Šabara-Bhāşya (= Bibliotheca Indica) (Calcutta 1873), p. 10: abhāvo'pi prāmānyābhāvo nāstītyasyārthasyāsannikrstasyeti.

⁹ Cf. Damodarvishnu Garge, Citations in Šabara-Bhāşya, p. 11.

judgment and what is the ground of its validity? According to the early Nyāya and Vaiśeşika logicians the validity of the negative judgment is established through Inference (*anumāna*).¹¹ The later Nyāya-Vaiśeşika writers, most probably following Uddyotakara, invented an unique *sense-object-contact* called 'viśeşaṇatā-sannikarṣa' and on its basis pleaded perceptibility for the negative judgment.¹² Here we do not intend to go into the details of this theory of negative Perception. For the theory is of little significance, and the main contestants are the Bhāṭṭas and the Buddhists.

The Bhāțțas maintain that the negative cognition is such that it cannot be a perceptual judgment. The cognition of an object is of two kinds: (a) positive and (b) negative. For example, the cognition of a cow is considered to be positive in relation to its own nature such as "This is cow." But the cognition of the cow in relation to a horse is regarded to be a negative one such as "This *is not* horse." This cognition 'not horse' is such that it is not derived from the sense-object-contact or from perception. For there is no positive entity called *not horse* which would come into contact with the senses and without the contact there can be no perception. Thus, Kumārila Bhaṭṭa contends that the negative cognition "This is not ..." cannot be brought about by Perception. The senses are capable of having contact only with the positive forms of reality.¹³

IV

Now the question arises: Can Inference (anumāna) be valid in the case of a negative cognition? Kumārila maintains that Inference cannot. For an inferential judgment is possible only in the case where we can determine a logical mark or reason (*linga* = hetu). Since a logical mark is recognised only when the invariable concommitance of the universal relation (vyāpti) between the mark or the middle term and the major or sādhyahas been established – as is the case with smoke and fire – in the case of a negative object of cognition no logical mark of the universal relation is

¹¹ Nyāya-Sūtra, II. ii.2; Vaišeşika-Sūtra, IX.i.5.

¹² Cf. Nyāya-Vārttika of Uddyotakara, ed. Vindhyeshvariprasad Dvivedin (= Kashi Sanskrit Series) (Banares, 1915), on I.i.4., p. 31. Uddyotakara, I believe, is the first Naiyāyika who propounded a systematic formula of determining a six-fold senseobject-contract with negative object. He is followed by Śrīdhara and others of the Nyāya-Vaišeşika system.

¹³ Šl.V., Ch. Abhāva, verse 17: pratyakşādyavatāras tu bhāvāmšo grhyate yadā. vyāpāras-tad-anutpattir abhāvāmše jighrkşite.

possible.¹⁴ If it were possible we would infer all the instances of negation by cognising simply one instance of absence as we can apprehend all the instances of smoke-fire relation by knowing one instance of that fact.

Furthermore, in the case of Universal-absence no valid *means* (Inference) is possible. Then, since the relation of the hetu and sādhya is not established (vyabhicāra), how can the particular instances of (absence) be known by that (Inference).¹⁵

Moreover, Kumārila further argues, the three characters of the logical mark¹⁶ cannot be established of such an entity absence of which has yet never been apprehended. Thus, for example, the cognition of antecedent absence of X, that is, the absence of X prior to its coming into existence (prāgabhāva), cannot possibly be determined by inference.

The inferential cognition is contended to be that cognition which is derived from the three-fold *reason* (trilakṣaṇa). But in the case of (the cognition of the absence of) the form of the Antecedent (an-utpattirūpasya), no cause is found anywhere (which can become the logical mark of the negative inference – as is the case in smoke-fire relation).¹⁷

By perceiving the effect (smoke) we infer the presence of the cause (fire) at the given time and place. But with reference to the Antecedent-absence that is never produced by any cause,¹⁸ inference cannot be the *means* of knowledge.

Further Kumārila reasons in a naive realistic tone:

¹⁵ Ibid., verse 39: na cāpyabhāva-sāmānye pramāņam upajāyate. vyabhicārād višeşās tu pratīyeran katham tayā.

¹⁶ The three characters of the mark (*trairūpyam lingasya*) are (1) the existence only (never non-existence) in the Subject or thing denoted by the minor term; (2) existence in things which resemble the Subject only (never in things which do not resemble the Subject, i.e., in *vipakşas*); (3) only non-existence (never existence) in things which do not resemble the Subject. Cp. H. N. Randle, *Indian Logic in The Early Schools* (Oxford, 1930), p. 181.

¹⁷ Śl.V., op. cit., verse 44: trilaksaņena yā buddhir janyate sānumešyate. na cānutpattirūpasya kāraņāpeksitā kvacit.

¹⁸ Kumārila Bhatţa postulates four-fold negative entity: antecedent or prior-absence (*prāg-abhāva*), posterior-absence (*pradhvamsābhāva*), mutual-absence (*anyonyābhāva*) and absolute-absence (*atyantābhāva*). *Ibid.*, verses 2-4. The antecedent absence is that which *exists* prior to the creation of the thing. Hence this absence has no beginning and no cause of its creation. However it has an end when it is destroyed by the creation of the thing. Cf. D. H. H. Ingalls, *Materials for the Study of Navya-Nyāya Logic* (*= Harvard Oriental Series*, Vol. 40) (1951), p. 54 (27). Also *Nyāya Sūtra*, II, ii, 12; *Vaišeşika Sūtra*, IX. i. 1. *Nyāyalilāvati*, pp. 544-579.

¹⁴ Ibid., verse 29: 'na cāpyasyānumānatvam lingābhāvāt pratiyate'. For a detailed exposition of Universal relation (vyāpti) the reader is referred to Karl H. Potter's scholarly work *Presuppositions of India's Philosophies* (= *Prentice-Hall Philosophy Series*) (Englewood Cliffs, N.J., 1963), pp. 59-74.

Just as Negation cannot be the *means* (pramāņa) where the object of knowledge is a positive one, so also in the case of a negative object nothing positive can be the *means* of knowledge.¹⁹

The Mimāmsaka here seems to be unaware of the Method of Difference and the Principle of double negation where positive facts are cognised by applying negative methods.²⁰

V

The strongest opposition to the Mimāmsakas' view of Negation came from the Buddhist logicians led by Dharmakirti. To the argument of the Mīmāmsakas that the non-operation of all the positive means of knowledge, being real, ipso facto becomes an independent means of negative knowledge, the Buddhist objects: How can it be said that the absence of knowledge is a self-established fact, and that the absence of the the object is determined by the absence of the *means* of knowledge? For as the presence of the means of knowledge, say, Perception requires no other means for its establishment - it is self-evident - so is the absence of the means also a self-evident fact. For instance, on the basis of the senseperception we know that the book is on the table. Similarly, when the book is not present and therefore no sense-perception is produced in the intellect, the absence of the cognition of the book is known by the same intellect by which we know when it is present before us. For if it were really an absence of all means of knowledge it would require some other means to establish its validity and that would lead to an infinite regress.²¹ Dharmakirti postulates three logical marks (hetu), (1) Causation (kārya), (2) Identity (svabhāva) and (3) Non-perception (anupalabdhi), as the basis of all inferential judgments. The first two are to establish the knowledge of real (positive) things and the third one, Non-perception is the reason of all negation (pratisedhahetuh).22

¹⁹ Śl.V., op. cit., verse 46: bhāvātmake tathā (read: yathā) meye nâbhāvasya pramāņatā. tathābhāvaprameya'pi na bhāvasya pramāņatā.

²⁰ For the Method of Difference cp. Irving M. Copi, *Introduction to Logic*, 2nd ed. (New York, Macmillan Co., 1961), pp. 368 ff.

²¹ Vide, Karņakagomin's commentary on *Pramāņavārttika-svavŗtti* of Dharmakīrti [hereinafter *PVS*], ed. Rahula Sankŗtyāyana (Allahabad, 1943), p. 30: kevalam yadi svasantāne jñānam syād upalabhyetānupalambhād asad eva tad iti svata eva jñānābhāvah siddha işyate.

²² PVS, ed. Raniero Gnoli (Rome, Instituto Italiano Per Il Medio ed Estremo Oriente, 1960), p. 2: ta eta kāryasvabhāvānupalabdhi-lakṣaṇās trayo hetavah. ... tatra dvau vastusādhanāv ekaḥ pratiṣedhahetuḥ.

Dharmakirti further explains the formula of Non-perception in the following:

(Thesis): On some particular place there is no jar. (Reason): Because it is not perceived, although the conditions (*lakṣaṇa*) of perception are fulfilled. If it were present it would have been perceived – as it cannot be otherwise.²³

Thus the Non-perception (anupalabdhi) becomes the reason of negation with reference to the object capable of being perceived (yuktopalambha).²⁴ In this theory, non-perception of a non-perceptible (adrśya) is merely problematic (samśayahetu).²⁵ This definition of the negative reason (hetu) provides the fundamental principle governing all possible kinds of formulations of negative judgments.²⁶

VI

It has been stated above that Kumārila Bhaţţa, in his allegiance to the Pūrva Mīmāmsā tradition, postulated Negation (*abhāva*) as an independent *means* (*abhāvapramāna*) of cognising negative facts. Also it has been demonstrated clearly that the Buddhist logicians led by Dharmakīrti admitted negation but as an inferential judgment (*drśyānupalabdhi*) These two theories are diametrically opposed to each other, and their distinction is marked by the two distinct terms by which the logicians referred to their respective theories – *abhāva* and *anupalabdhi*.

It is pertinent to point out here that the use of the two different terms by the two opposite systems is very significant, for they denote two different approaches to negation. In discussing different theories, especially in Indian Philosophy, one must strictly adhere to the terminology applied by the philosophers in the original texts.

All through the history of Indian Philosophy, the term *Abhāva* refers to an ontological situation, meaning *Non-Ens* or a *real* negative category (*padārtha*). Kumārila Bhaṭṭa's position is unique inasmuch as he postulated Negation as the *means* (*pramāṇa*) of cognising its own corresponding

²³ Ibid., pradeśaviśeşe kvacin na ghata upalabdhilakşanaprāptasyānupalabdheh. yadi syād upalabhyasattva eva syān nānyathā.

²⁴ Ibid., p. 20: yuktopalambhasya tasya cānupalambhanam pratişedhahetuķ. – yuktopalambha = drśya = lakşanaprāpta.

²⁵ Nyāya-bindu of Dharmakīrti [hereinafter NB], II, 48: viprakrşṭavişayānupalabdhiḥ pratyakşānumāna-nivrttilakṣanā samšayahetuḥ. English translation by B. L. Stcherbatsky, Vol. II, p. 107.

²⁶ For manifold negative formula in Buddhist logic the reader is referred to *PVS*, I, and *NB*, II, 32ff.

negative object. To him *abhāva* is an object as well as the *means* of its own knowledge. On the epistemological question, How do we know a negative fact or the absence of a thing?, Kumārila explained his theory of *abhāva-pramāņa* in terms of 'non-existence of all other positive means of knowledge'. This absence of all positive *means* being 'absence real' *ipso facto* becomes an independent *means* of negative judgment.²⁷

The term *anupalabdhi*, on the other hand, denotes an inferential character of the problem. That is *an-upalabdhi* or non-perception = the denial of perception. This refers to the fact that the perceptibility of the negatum is the *a priori* cognition and the absence of the thing is known on the ground of its being non-perceived. This is the view upheld by the Buddhist logicians led by Dharmakirti.²⁸

On the question of the epistemological negative dialectics a confusion prevails in the history books of Indian Philosophy. A critical study of the history books would reveal the fact that Dasgupta, Radhakrishnan and Sinha, on the question of Negation, do not present a comparative study of the Buddhists and the Pūrva Mīmāmsā systems – the two main rival schools of India. Their statements on Negation are ill-founded and misleading. They betray the whole historical development of the problem of negation in Indian logic. These scholars, I submit, have failed to recognise the very demonstrative influence of Buddhist logic on the thinkers of the Brahmanic tradition.

Dasgupta writes: "In addition to the four positive pramāņas, Kumārila admits a fifth kind of pramāņa, viz., anupalabdhi for the perception of the non-existence of a thing."²⁹

Radhakrishnan states: "Kumārila, after Vrttikāra, admits non-apprehension (anupalabdhi) as an independent source of knowledge. (See Śabara on I, i. 5.) Dissimilarity is only want of similarity, and it is accounted for by the principle of non-apprehension. When we say "There is no jar in this place," we cognise the absence of the jar. Absence (abhāva) cannot be apprehended by perception, which stands in need of sense-contact with a present object, which is not possible in the case, (refers to: Śloka-Vārttika, Abhāvapariccheda) nor can non-existence be apprehended by the other pramāņas. Non-apprehension is a means of knowledge (mānam) with reference to the object negated. We perceive the vacant space and think of the absence of the jar. We may say that the non-

²⁷ See above note 10.

²⁸ Cf. notes 21-25.

²⁹ Vide S. N. Dasgupta, *History of Indian Philosophy*, Vol. I (Cambridge University Press, 1922), p. 397.

existence of the jar is as much perceived as the vacant space, yet, since perception involves contact of an actual object with the sense, we cannot identify the act of non-apprehension with perception. We perceive the vacant space, remember the jar that is absent, and then we have the knowledge of the absence of the jar, which has no reference to the act of perception. Apprehension of non-existence is through anupalabdhi. (Refers to: Śāstradīpikā, pp. 234ff)."³⁰ Here I may point out the fact that Śāstradīpikā is the work of Pārthasārathi Miśra who lived in 900 A.D. about 300 years after Kumārila. Radhakrishnan explains the nonperceptibility of *abhāva*, according to Pārthasārathi Miśra, and does not say why it cannot be an inferential cognition. In Kumārila's theory repudiation of negative inference is the crux of his argument.

Sinha observes: "Śavara recognises non-apprehension (anupalabdhi) as an independent pramāṇa, and defines it as the absence of any means of valid knowledge..."⁸¹ In another section of his volume Sinha writes: "Kumārila holds that the non-existence of a jar on the ground is known by non-apprehension (anupalabdhi)."³²

According to these scholars the theory of *anupalabdhi* appears as propounded by the Pūrva Mīmāmsaka philosophers, namely, Vrttikāra Upavarşa, Śabara, and Kumārila Bhatta. In fact, none of these Mīmāmsakas show any awareness of the theory of *anupalabdhi*. My conclusions are as follows:

1) Dasgupta is wrong in stating that "for the *perception of the non-existence* of a thing, Kumārila admits a *fifth* kind of pramāņa, viz., anupalabdhi." Unfortunately, Dasgupta quotes no work in support of his statement. During my investigation I have not come across any work of the Mīmāmsakas or non-Mīmāmsakas where Negation is mentioned as the *fifth* pramāna. On the contrary, *abhāva* is frequently referred to as the sixth pramāna (*sastham kiledam pramānam*).³³ Moreover, Kumārila himself candidly opposed the perceptibility of the non-existence and said that *abhāva* is the *means* in addition to the other five positive ones, which include perception.⁸⁴ Hence, Dasgupta's statement is completely erroneous.

2) The two terms, namely, *abhāva* and *anupalabdhi* refer to two entirely different theories on epistemological negative dialectics. In the early

⁸⁰ S. Radhakrishnan, Indian Philosophy, Vol. II (London 1948, reprint), p. 394-395.

³¹ J. Sinha, *History of Indian Philosophy*, Vol. I (Calcutta, 1956), p. 789.

⁸² *Ibid.*, p. 309.

³³ Brhati-rjuvimalā, p. 120.

³⁴ *Śl.V.*, *op. cit.*, verses 1-2.

writings of the Pūrva Mīmāmsā system we find no mention of the theory '*anupalabdhi*'. Neither Vrttikāra Upavarṣa, nor Śabara or Kumārila ever referred to *anupalabdhi*.³⁵ Sinha has quoted Śabara (on *Jaimini-Sūtra* I.i.5) but missed the point that he mentioned only *abhāva*, not *anupalabdhi*.

3) Pārthasārathi Miśra (circa 900 A.D.) seems to be the first Mīmāmsaka who, after about 300 years of Kumārila, introduced 'anupalabdhi' to the system. Defending Kumārila's tradition against the Buddhist reasoning, Pārthasārathi modified the Mīmāmsā theory of Negation (abhāvapramāna), and admitted that, in fact, the negative cognition is an inferential judgment. Thus, he contended that the Mīmāmsaka theory of Negation may also be termed as drśyādarśana or yogyānupalambha. He still hesitated to use the Buddhist term drśyānupalabdhi. Instead he split the Buddhist term and coined new expressions, 'drśya-adarśana' and 'yogya-anupalambha'. Pārthasārathi contended that these terms are synonymous and the theory expressed by them is the same as the theory referred to by the term 'pramānābhāva' in the Bhāṣya of Mīmāmsā.³⁶

4) Admission of *anupalabdhi* by the later Mīmāmsakas was indeed a great blow to the original stand taken by the early Mīmāmsakas. The view of an independent negative *means* lost its vigour, and the theory of *abhāvapramāņa*, evidently under Buddhist influence, was transformed into an inferential theory called *yogyānupalabdhi*. For example, Gāgābhaṭṭa, a later follower of the Bhāṭṭa school of the Pūrva Mīmāmsā, explaining the logical process of the modified negative theory, observes that the non-perception of the counter-entity or the negatum (*pratiyogin*) is the *reason* (*karana = linga*) of negation and the process is similar to that of inference.³⁷ Here we must bear in mind that this view of negation is identical with the Buddhist logician Dharmakīrti's view that the non-perception of the negative *reason* (*hetu*) of inference.³⁸ Further, Gābābhaṭṭa explicitly admits that as a matter of fact there is no difference between the non-apprehension (*anupalabdhi*) of the Mīmāmsaka and the principle of inference.³⁹

³⁵ Vide G. Jha, Pūrva Mimāmsā in its Sources, pp. 163-165.

³⁶ Šāstradīpikā, ed. Laxman Shastri Dvavid (= Chowkhamba Sanskrit Series, 188) (Banares, 1916), p. 234: drśyādarśana-yogyānupalambhādi paryāyo bhāşye pramāņābhāva-śabdenoktah.

⁸⁷ Bhāţţa-cintā-maņi (= Chowkhamba Sanskrit Series, 25 & 27) (Banares, 1933), p. 47: atra pratiyogipratyakşābhāvaḥ karaņam anumitir ivāntaravyāpāraḥ.

³⁸ Cf. PVS (G. ed.), p. 20, verse I. 29 (R. ed., p. 85, I. 31): yuktopalambhasya tasya cānupalambhanam pratisedhahetuh.

³⁹ B. Cin., p. 47: ...anumānāc-ca bhedam nākalayāmaķ.

Hence, I may conclude that this modified theory of the Bhāṭṭa Mīmāṃsakas called Non-apprehension (*yogyānupalabdhi*) reduces Negation (*abhāvapramāņa*), the earlier theory of the Mīmāṃsakas, to a mere negative form of Inference which is equivalent to the Buddhist theory of *Non-perception*; that the term *anupalabdhi* refers to the inferential character of the negative cognition; and that there is no evidence to support the view that the theory of *anupalabdhi* was propounded by the early Pūrva Mīmāṃsā philosophers.⁴⁰

⁴⁰ I gratefully acknowledge my indebtedness to Dr. D. Friedman of the School of Oriental and African Studies, University of London, for his constructive suggestions and discussions concerning many problems of Negation in Indian Logic.