

Ten Moons: Consciousness and Intentionality in *Ālambanaparīkṣā* and its Commentaries*

Jay L Garfield
Smith College
Harvard Divinity School
University of Melbourne
Central University of Tibetan Studies

ROUGH DRAFT—COMMENTS INVITED, DO NOT QUOTE

In *Ālambanaparīkṣā*, Dignāga (480-540) deploys the familiar simile of a double moon to illustrate something that appears to exist, and appears to be the cause of perception, but which is not substantially real:

It does not come from that of which it has the appearance
Because that is not substantially real, like a double moon. (2ab)¹

1. Dignāga on his own simile

There appears to be no real mystery about what this simile is meant to illustrate.

Dignāga himself explains the point pretty directly in the autocommentary:

When a person sees a double moon because of defective sense faculties, there may be an appearance of that, but it is not the object of that cognition. In the same way, a collection is not a percept because it is not substantially real and, for that reason, is not a cause. (xx)

Dignāga in the early verses is considering two possible accounts of a percept (*ālambana*) proposed by those who think the percept is external: it could be individual fundamental particles, or it could be a collection of them. The percept must satisfy two conditions: it must be what appears in perception and it must be

* This essay derives from joint research conducted with the support of a grant from the Australian Research Council, in collaboration with John Powers, Douglas Duckworth, M David Eckel, Yeshes Thabkhas and Sonam Thakchöe. I thank audiences at the University of California, Berkeley, Temple University, the Five College Buddhist Studies Faculty Seminar and Harvard University, as well as the International Workshop on Buddhist Philosophy and Consciousness at National Chengchi University for helpful comments.

¹ All translations are from Duckworth et al. (2016)

the cause of perception.² Here he argues that a collection of fundamental particles cannot be the percept because it cannot be the cause of perception; it cannot be the cause because it is not substantially real, and the double moon analogy is brought in to make that point. When I see a double moon, either because I am drunk or crosseyed, while a double moon appears in perception, no double moon is the cause of perception, simply because there is no real double moon,

One might think that any discussion of this analogy would stop here. The author himself tells us how to understand it, and does so in very clear terms. But one would be wrong. The Indian and Tibetan commentarial tradition grounded in this text comprises commentaries by Dharmapāla (6th C), Vinītadeva (645-715), the third Gungtang Rinpoche (1762-1823), Ngawang Dendar (1759-1840) and Yeshe Thabkhas (1932-).³ Each reads this analogy differently, and their distinct readings help us to see just how much philosophy is happening in the eight verses this text comprises. In this essay I compare those readings and reflect on what a reflected moon can tell us about intentionality. This series of interpretations demonstrates the fecundity of the commentarial genre and of the scholastic approach to philosophy.⁴

² It is unclear what the origin of this twofold criterion is, but it is clear that by Dignāga's time it is taken for granted in Indian epistemology. And it makes perfectly good sense. After all, if my putative perceptual experience of a person is caused by the sight of a bear in the distance, we can't say that my percept is a person, since no person is the cause of that experience; moreover, the percept is not a bear, since even though the bear causes the experience, it does not appear. But when a bear causes the experience and a bear appears to my perceptual consciousness, it makes sense to say that the bear is the percept. At least at a first pass. But only at a first pass, for the epistemology of perception is tricky, and that is what motivates *Ālambanaparīkṣā*.

³ Dharmapāla's commentary is lost in Sanskrit and was never translated into Tibetan. It does exist in two Chinese translations. Vinītadeva's commentary exists in Tibetan. All extant Tibetan commentaries and translations into English are to be found in Duckworth et al. (2016).

⁴ See Cabezón (1994, 1998) for more on the nature of Tibetan scholasticism.

2. Vinītadeva: An analogy for idealism

Vinītadeva reads Dignāga's text as a direct argument for idealism. He writes:

Therefore, because this treatise is composed in order to refute the existence of external objects and prove[the existence of internal ones, by implication the purpose is precisely these refutations and proofs. (xx)

So, when he comes to interpret the two moon simile, he reads it as an argument for idealism. While in the commentary to verse 2, Vinītadeva follows Dignāga closely,⁵ he returns this simile in the context of his commentary on verse 6,⁶ a context in which subsequent commentators also discuss the simile:

The phrase “appears to be external” means “it manifests as if it were external; that is, as if it were separate from cognition.” A condition of its appearance in that way is the appearance of space. Space appears to cognition as if it were separate from cognition, and so it reveals the apprehended object. For example, when a reflection of the moon appears on the surface of a mirror, it appears as if it were separate, as though it were in a well, by virtue of a reflection of space. (xx)

Vinītadeva is imagining the second moon as the reflection of the moon in the mirror. That moon appears to exist in space; space itself appears to be reflected in the mirror. But of course there is no space in the mirror, only a flat, polished surface. The moon's spatiality is illusory. The reflected moon here is the simile for the percept. What we perceive appears to be in space, just as the mirrored moon does. But just as in that case, something can appear to be spatially located, behind the mirror, or at the bottom of a well, when it is not, our own percepts can appear to be in space, even when they are not.

While we might have thought that the simile merely indicates that the causes of perception and the appearances in perception can come apart, Vinītadeva shows

⁵ via Dharmapāla on whose own commentary Vinītadeva is composing a subcommentary

⁶ An internal cognitive object,
Which appears to be external, is the object
Because it is cognition itself,
And because it is its condition

that it can also be recruited to show that the appearance of externality is no guarantee of externality, and indeed that nothing that appears to us can give us, by itself, any reason to believe that it is external.

3. Gungtang: Cognitive Illusion

The third Gungtang Rinpoche was an able Geluk exegete, and also a bit of a prodigy. He composed his *Ornament for Dignāga's Thought Regarding Investigation of the Percept* (*dMigs pa brtag pa'i 'grel pa phyogs glang dgongs rgyan*) when he was only 23 years old. His commentary is very brief, and he presents it just as a set of notes, but it addresses some difficult questions in Dignāga's text, including the relationship between mind and matter, the nature of consciousness and the structure of intentionality. (See Duckworth, et al. 2016)

Gungtang is concerned in his commentary not only to explain Dignāga's own argument from the standpoint of the Yogācāra school into which Geluk doxography slots him, but also to show how his arguments can be useful to a Mādhyamika. He presents a charitable reading of the text, and mines it for insights, rather than taking it as a target for Madhyamaka attack. One of the points of dispute between Yogācāra and Madhyamaka, according to the Geluk reading, is whether cognition is necessarily reflexive (*rang rig*, a term that translates the Sanskrit *svasaṃvedana*). Yogācāra philosophers, including Dignāga, argue that it is, although there is considerable disagreement among them regarding the nature of that reflexivity (as well as considerable meta-disagreement among Tibetan and Western commentators about each of the positions. Coseru, 2012, Thompson 2011, Williams 1997). According to Candrakīrti, as well as Tsongkhapa, the founder of the Geluk school, and all of his followers, no Mādhyamika accepts the reflexivity of awareness. (Garfield 2006, 2015, 2016, Jinpa 2002)

Gungtang introduces the double moon analogy as a response to an anticipated question: how can we understand the nature of consciousness in the absence of reflexivity. This question reflects an interest in using Dignāga's text as a basis for exploring Geluk epistemology, as well as a willingness to read Dignāga against

himself, using his own analogy to undermine the theory of reflexivity that Dignāga himself introduced:

“What is the percept?” It is defined as follows: it is nothing other than a self-presenting internal apprehension—an entity that is a cognitive object.

Suppose someone asks: “Because reflexive action is inconsistent, how could it appear?” The representation does not appear as it exists. For example, when an image of the moon appears in a mirror, spatiality also appears. The moon appears to be different from its action of reflecting. Although it is apprehended with an appearance of externality, the object is that which exists internally. (xx)

Let us examine this terse passage with care. Gungtang begins by presenting a Geluk definition of the percept (*dmigs pa*) as understood in the Yogācāra system. The percept is a cognitive object (*shes bya'i dngos po*). That is, it is the intentional content of perception, an object of knowledge. It is also defined as a self-presenting internal apprehension (*nang gi rdzin pa'i rang mdangs*) Gungtang would agree that for any Yogācāra the percept is internal—that is, that perception is mediated by representations, and that the immediate object of perception is constructed. So he would agree that the percept in this system is the immediate object of awareness, not a distal object. Moreover, on this point, Geluk epistemology is in agreement with their reading of Yogācāra, inasmuch as they adopt a representational theory of perceptual awareness.⁷ The problem arises with the idea that that the percept is self-presenting (*rang mdangs*).

No Geluk could accept that that is a correct analysis of the percept, for following Tsongkhapa, Gelukpa epistemology rejects the cogency of the doctrine of reflexive awareness. (Garfield 2006) Gungtang is here not interested only in explicating Dignāga's view, but in getting an accurate account of perceptual consciousness, an account that draws on what he sees as correct about Yogācāra, but which eschews

⁷ Note that this does not entail an idealism; so far it is neutral between a representational and an idealist view of perception.

the commitment to reflexivity. So, in response to the imagined query about how one explains consciousness in the absence of reflexivity, Gungtang deploys the double moon, this time not to *defend* but to *criticize* Dignāga. He first asserts that the representation does *not* appear as it exists (*ji ltar gnas pa'i rnam pa'i snang ba ma yin te*). To exist in one way and to appear in another is the very definition of a deceptive phenomenon. So, representations, Gungtang is asserting, are deceptive, not simply in the sense that they may represent objects that do not exist as they are represented (as in the case of a hallucination a distortion, or for an idealist the case of apparent externality), but in the stronger sense that the representations themselves do not exist as they appear. The mind, that is, is opaque: its own contents do not exist as they appear.

This doctrine of the opacity of mind, familiar in the West since the work of Sellars (1963) and articulated most forcefully by Churchland (1978) and Carruthers (2011) was defended by Tsongkhapa in Tibet. It is a stark rejection of the view that the mind is immediately present to itself. And this is where Gungtang uses the simile of the two moons. The central line is that “the moon appears to be different from its action of reflecting” (*shar bas byed pa las zla ba rgyang ste*).

This spells out the precise respect in which the structure of consciousness is opaque, and it is an elegant point. When we see the moon in the mirror, it appears that we see two things: the mirror and the moon reflected in the mirror. That duality of act an object seems to be built into the very structure of intentionality, and is captured in Brentano’s metaphor of intentional inexistence, with its roots in the account of mental acts common to Berkeley and Descartes (see Sellars 1977): the cognitive act is one thing, and the object of the act another. But, Gungtang claims, this gets things wrong. The reflected moon and the reflecting mirror are not two different things, despite appearing to be so. There is only the mirror and its act of reflection; there is no second moon in the mirror.

To put this point in more contemporary terms, we can say that when we say that I imagine a tree, the word “tree” appears in the *internal* accusative case. That is, the relation of intentional verbs to their objects is akin to the relation of “to dance” to its object, and not to that of “to kick” with its object. When I kick a ball, there is a difference between the act of kicking and the ball: they are two distinct things, and the word *ball* appears in the external accusative case. When I dance a jig, on the other hand, there are not two things, the dancing and the jig; rather, I dance jig-wise. The word *jig* appears in the *internal* accusative case.

Similarly, when I imagine a tree, on this view, I imagine tree-wise, and when I see the moon, I see moon-wise. Intentional verbs take internal accusative, not external accusative objects. This has come to be known the adverbial theory of mental states. Gungtang uses the mirror analogy to point out that the fact that our minds appear to us in the guise of mental acts with mental objects does not mean that they are so. Self-presentation, he suggests, is therefore an illusion. Our mental states appear to us in one way—as acts directed upon distinct objects, but exist in another, as acts with a character defined by their ostensible objects. Dignāga’s own metaphor has been delightfully turned against him, and the epistemological asymmetry between the inner and the outer—immediate access to a self-presenting inner, as opposed to mediated access to a distant outer—that grounds idealism has been rejected. Paradoxically, the fact that illusion extends even to the inner is a premise in the defense of realism; Gungtang defends Geluk realism through a theory of consciousness, but not one that *elevates* the epistemic status of the external, but one that articulates the epistemology of the inner as less secure than it might appear to be.

4. Ngawang Dendar and the Causes of Perception

Ngawang Dendar, a distinguished Mongolian scholar and monastic administrator, writes a masterful commentary on Dignāga’s text, with yet another deployment of the two moons, also at odds with Dignāga’s own use, and also in the service of an

analysis of the structure of intentionality, but an analysis in terms of causation.

Here is his discussion:

A collection of many particles does not produce a sensory cognition in this way, because it is not substantially real. For example, when a person sees a double moon because of defective sense faculties—that is, because his senses have been damaged by an eye disease—it is just a single moon appearing to be double. But even though it is a single moon appearing as double to a sensory cognition, the single moon is not the *cause* of the sensory cognition; and, for that reason, it also is not the object that is called the percept condition of that cognition. (xx)

Dendar begins with the point that Dignāga makes: collections are not substantially real, as they merely supervene on that which is real—the fundamental particles that constitute them. They therefore have no causal powers: all of the causality occurs at the most fundamental level, and there is no extra causality at higher levels. This is a familiar reductionist account of reality and of causation, common in Sautrāntika Buddhism as well as in some corners of contemporary metaphysics and philosophy of science. (Churchland 1978, Kim 1998)⁸

This is important because, as we saw at the beginning of this discussion, one of the two necessary conditions of a percept is that it cause perceptual experience. But this only introduces Dendar's concern, which is the actual cause of perceptual experience. Dignāga's critique of the two initial positions regarding the cause of perception suggest that each of them fails one of the criteria: wholes appear to but do not cause perceptual consciousness; fundamental particles cause, but do not appear to perceptual consciousness. Dignāga's solution is that predispositions in the foundation consciousness cause perceptual experience and themselves become appearances—the percept, he argues, is always an internal transformation of consciousness.

⁸ It is also just as controversial in the Buddhist world as it is in the contemporary world.

Dendar argues instead that *neither* the particles *nor* the collection can cause perceptual experience. Because, *contra* Dignāga, the fundamental particles are not the causes of perceptual experience, fundamental particles fail *both* tests for the percept, not only one; and collections are not caused to appear even by the fundamental particles that constitute them. And he takes the analogy of the two moons to show this. He will draw the further conclusion that while Dignāga may be right that the cause of perceptual experience is internal, to say that it is the ripening of a potential may be misleading.

Dendar emphasizes in his reading of the example that the cause of the perception of the double moon is neither a double moon nor a single moon, but rather that the subjects “senses have been damaged by eye disease.” Let’s see how this goes. Suppose that you develop an eye disease as a consequence of which you experience double vision, or perhaps to take a more common case, you have a few too many drinks after a faculty meeting. You look up at the sky and see a double moon, and wonder why you are seeing two moons. How would you explain this to yourself? You would not, Dendar suggests, say, “oh, I see a double moon because there are two moons in the sky” (unless you were doing more than just drinking); nor would you say, “I see two moons because there is one moon.” That wouldn’t explain anything. Instead, you would say, “I saw two moons because I had too much to drink.”

This is what Dendar has in mind. It is the condition of your sense faculties, not anything in the external world, nor anything in your foundation consciousness, that causes you to see the two moons. To understand perceptual consciousness, Dendar suggests, we should look neither to the distal object nor to our past karma, but rather to the sense organs, the sense faculties and the structure of our minds that give rise to cognition. To understand the nature of the mind, in short, we should do cognitive science.

Note that this follows on quite naturally from Gungtang’s reading of the analogy. Gungtang emphasizes the fact that we cannot know our own minds just by looking; our cognitive states are deceptive phenomena. Dendar doubles down, pointing out

that the causes of our sensory experience are the sense faculties themselves. This naturalism about perception extends the doctrine of the opacity of the mind, and provides further grounds to reject idealism. For we cannot pretend that the operations of the sense-faculties are immediately present to us, or are even cognitively transparent. They can only be understood through scientific investigation. But our sense faculties are physical phenomena that operate through physical contact with distal objects to produce perceptual experience. So, once again, a Geluk exegete uses Dignāga's own example both to explore more deeply the structure of consciousness, but also to undermine Dignāga's own epistemology of the inner and his idealist ontology.

5. Yeshe Thabkhas on *Pramāṇa* and Ethics

Geshe Yeshe Thabkhas is a contemporary Tibetan scholar. His specialty is Indian Buddhist philosophy, which he has taught for decades at the Central University of Tibetan Studies in Sarnath. He recently composed a commentary on *Alambanaparīkṣa*, reflecting on all of the previous commentaries and drawing on the oral lineage preserved at Drepung Loseling Monastic University where he studied, first in Tibet and then in India. Yeshe Thabkhas' commentary is noteworthy both because of its explicit reference to so many previous commentaries and because it, alone among all of these commentarial texts, reads this text as having explicitly ethical import.

Yeshe Thabkhas' analysis of the two moons simile is quite complex, and we will take it step by step.

Suppose someone asks: How should we explain the epistemic framework of object, intentional object, and percept with respect to a cognition apprehending a single moon as a double moon?

The percept of a cognition that apprehends a double moon is the single moon, but from the perspective of that cognition the single moon does not exist as the percept. The object and intentional object that are apprehended by that cognition refer to a double moon, not to a single moon.⁹ (xx)

At the beginning of his commentary, Yeshe Thabkhas discusses the differences in meaning between *don* (*intentional object*), *yul* (*object, or referent*) and *dmigs pa* (*percept*), pointing out that the text is in part aimed at clarifying the relationship between these three terms, which in other, looser contexts, might be treated as interchangeable. The *intentional object* is the content of thought as conceived, the object under the description through which it is engaged, whether that description is accurate or not. The *object (referent)* is the thing to which the thought or perceptual state refers, regardless of whether that referent is engaged correctly or not, and regardless of the description through which it is engaged; the *dmigs pa* is whatever satisfies the two criteria: that which appears and that which causes the perceptual consciousness.

These three can easily come apart, particularly in cases of illusion, but even in veridical perception. My wife and I each see a blue pot, our respective visual fields sharing a referent. But I see it as a great example for an Indian philosophical argument, and take that as my intentional object, and she sees it as a superb bit of cobalt glazing, with an intentional object that only a potter could entertain. Being a bit colorblind, the percept I experience is like that I experience when I see the sky;

⁹ Yeshe Thabkhas seems to be following Ngawang Dendar's lead on this point, but his interpretation is not uncontroversial. For Dignāga, both singularity and multiplicity with regard to a percept are conceptual constructs. According to the Abhidharma, no wholes are substantially real. A single moon is neither really one nor many: From a Sautrāntika perspective, it is merely a representation perceived as singular, double, or multiple. A single moon is neither one nor many because it is not substantially real, and so it cannot serve as a percept. According to the external realism of Sautrāntika, the percept is ineffable particulars, not macro-objects extended in space and time. For Cittamātras, the percept of a double (or single) moon is a purely mental phenomenon that arises from internal predispositions, and so in this system it is also not substantially real. Yeshe Thabkhas may be interpreting Dignāga in terms of Gelukpa-Mādhyamika semi-realism—that is, the notion that conventionally real objects are *conceptually constructed percepts* of cognition.

hers, mediated by better vision, is quite distinct from that she would have seeing the sky. Perceptual awareness, Yeshes Thabkhas emphasizes is complex, and can only be understood through this rich set of conceptual distinctions present in Dignāga's text (although they are not so thematized by any previous written commentary). But the distinction has epistemological as well as phenomenological import, as Yeshes Thabkhas makes clear when he turns to the double moon:

But, someone might continue, in the Sautrāntika system, because it distinguishes between the object and the percept, it is easy to differentiate between correct and incorrect with regard to cognitions. The object of cognition comprises such things as forms, sounds, scents, and tastes; and the percept refers to the representations of the objects that appear to those same cognitions. The cognition that apprehends a double moon is a mistaken cognition because although the percept of that cognition does not exist in the single moon, a double moon appears as though it exists in its object.

Therefore, while a cognition that apprehends a single moon is correct, because a single moon appears in its percept, the single moon is also its object. (xx)

We can understand the difference between perceptual error and veridical perception from the Sautrāntika perspective, Yeshes Thabkhas argues, in terms of the congruence between percept and intentional object. When the intentional object is congruent with the percept, perceptual awareness is correct; when they are discordant, it is erroneous. That is, when the description under which I cognize the intentional object of perceptual experience is consistent with the perceptual appearance and the nature of the cause of the perceptual awareness, I can be said to correctly perceive; when it is inconsistent, error intrudes. The Sautrāntika are realists, and this realism is evident in this criterion. But when we abandon realism for idealism in Yogācāra, Yeshes Thabkhas, continues, the epistemology must be formulated differently:

In Dignāga's system, however, percept and intentional object do not refer to two different things. Because both are posited as stable predispositions internal to cognition, it would seem to be difficult to distinguish which might be erroneous with regard to cognition.

So, in this system, how should we posit the difference between an erroneous cognition that apprehends a double moon and a correct cognition that apprehends a single moon?

Irrespective of whether or not there exist external objects, a single moon performs its function just as it is seen, whereas a double does not perform its function in terms of how it appears. We can therefore understand from this that the cognition apprehending a single moon is correct and the cognition apprehending a double moon is erroneous. (xx)

...

...[I]n Dignāga's system, because percept and object are a single entity, from the perspective of a cognition that apprehends a double moon both the object and the percept condition are just that double moon. So the double moon is the cause that produces that cognition, and that cognition is also the cause that produces the representation of the double moon. Therefore, in this system a nonexistent phenomenon, a double moon, appears to be able to perform a function. So in what way is a cognition that apprehends a double moon deceptive? Why isn't it a veridical cognition? In this system, with regard to cognition, it is not possible to present a distinction between what is able or unable to perform a function in terms of whether the percept of a cognition and its object are similar or dissimilar. One might say: "Because there is no way to do this, it does not seem to be clear how one might posit a criterion for error with regard to cognition." (xx)

On Yeshes Thabkhas' reading, the consequence of Dignāga's denial that the percept is external is that the distinction between object, intentional object and percept collapses. There is only one aspect to perceptual experience on Dignāga's view, and that is the maturation of a potential for experience in the foundation consciousness. Nonetheless, he points out, the Yogācāra must be able to distinguish between correct and incorrect perception. After all, Dignāga is the person who brings *pramāṇavāda*

into Buddhist philosophy. And so, returning to the double moon, Yeshe Thabkhas argues that only a pragmatic criterion is available for distinguishing error from correctness. Acting on the basis of the perception of a single moon will be effective; acting on the basis of a double moon will not be. This pragmatism is forced, he argues, by the idealism. And once again, like Gungtang and Dendar, Yeshe Thabkhas will endorse the ensuing pragmatism, while rejecting the idealism, treating Dignāga's text as a source of insights into perceptual experience that are independent of the broader doctrinal position from which it emerges.

A bit later in his commentary on this passage, Yeshe Thabkhas, like his Geluk predecessors, asks what even a Mādhyamika can learn from this analysis. He points out that this pragmatism allows us to understand both the plurality of reasonable perspectives on a single object and the way that epistemology grounds ethical response:

The single moon is able to perform a function just in the way one experiences a single moon. The experience of the single moon as a double moon, a hundred moons, and so forth cannot perform its function. This fact can be understood clearly from the way in which the six kinds of beings each see and experience things differently. In general, things such as forms and sounds are sentient beings' means of livelihood or resources. Depending on these resources, they encounter various sensations, either pleasant or unpleasant. From these pleasant and unpleasant sensations, various cognitions, such as desire and aversion, arise. (xx)

Shifting back to a Geluk Madhyamaka realist perspective, Yeshe Thabkhas retains the pragmatist epistemology demanded by Dignāga. For the realism that emerges at this level is a different kind of realism from that of Sautrāntika. The external world is taken for granted, but it is an external world the ontology of which depends upon conceptual imputation, and hence on the cognitive structures, purposes and interests of the beings who inhabit it. On this view, not only is truth determined pragmatically, but so is ontology. We can recover the analytical distinction between object, intentional object and percept, but that distinction is to be used for the

analysis of experience, not for epistemology; It is a descriptive, not a normative distinction. Epistemological assessment must remain pragmatic.

This is because different kinds of beings perceive the world very differently. My dog, whose consciousness and ontology is determined by the dominance of his brain by his olfactory bulb inhabits a world I can barely imagine, and he has the same difficulty imagining my world, try as he might to do so.¹⁰ The bee outside my window lives in a different world yet. We may share some, but not all (referent) objects, but probably no intentional objects, and our percepts may vary widely. To make sense of these profound differences, these categories are necessary, but they tell us nothing about veridicality or deceptiveness. There is no Archimedean epistemic fulcrum that would allow any of us to say that our world is the real world, and that the others are deluded. Rather, correctness and error emerge for each of us—human being, dog and bee—within their respective world, and can only be measured by the effectiveness of cognitive and perceptual states in guiding action.

But even within a single human world, there are ethical implications of this perceptual variation. Ethical cultivation, as both Candrakīrti and Śāntideva emphasize, is a matter of cultivating perceptual skills. (Garfield 1010/2011, 2012, 2015) Later in his commentary, Yeshe Thabkhas points out that the same person may be seen by different subjects as a friend or as an enemy, that a situation may be seen as pleasant or as unpleasant, depending on one's state of mind, just as Dendar points out that it is the state of our perceptual systems that determines whether there are two moons or only one. So, he argues, if we ask in these situations, what the correct perception is, we can't be asking for an independent standpoint from which to assess the qualities of the *object*. Instead, we have to ask a pragmatic question: in each case, we can ask what attitudes, what behaviors are most adaptive, and advance our ends. The criterion of truth is always pragmatic, and normativity enters

¹⁰ See Berns (2013) for a marvelous discussion of the neurophenomenology of dogs, and see Newland (2008) for a nice discussion of the implications of differences in sensory apparatus for ontology.

the picture through pragmatic considerations as well. The suggestion, of course, is that there are ways of seeing and acting that are dysfunctional (*akuśula*) and ways of seeing and acting that are facilitative of benefit (*kuśula*). And only this pragmatic criterion makes any sense in ethics as well as in epistemology.

This recent commentary hence builds on its predecessors in using the double moon simile both phenomenologically and epistemologically. But Yeshe Thabkhas takes the two moons in a very different direction than his predecessors, and so interprets *Ālambanaparīkṣā* as an *ethical*, and not simply an epistemological text. That single object becomes very different intentional objects in the minds of its successive commentators.

6. What do we learn from these ten moons?

Exploration of this commentarial history, a history of interpretation of a single simile deployed in a text comprising only eight verses, reveals just how rich such a simile can be when deployed in a scholastic tradition. One issue raised by the doxographic hierarchy constructed in the Tibetan tradition is how we should understand philosophical systems lower in the hierarchy than the Madhyamaka, often represented as the only correct view. The three Tibetan commentaries on *Ālambanaparīkṣā* provide an answer to this. They all agree with Vinītadeva that this is an idealist text, and so none of them would endorse its ontology. But, perhaps taking a hint from Śāntarakṣita, they each suggest that while the ontology of Yogācāra is to be rejected, the phenomenology and epistemology it deploys are to be taken very seriously.¹¹ Among the intriguing ideas that emerges from this exploration is that of the opacity of the mind and the possibility of cognitive as well as perceptual illusion; another is the need for the distinction between referent, intentional object and percept in making sense of perceptual experience.

¹¹ See Garfield and Westerhoff (2015) for exploration of the relationship between Madhyamaka and Yogācāra and in particular for essays exploring the degree to which it is possible to reconcile the two positions in this way.

We also might find here a surprising lesson. The epistemology of the *pramāṇavāda* school is known for its insistence that there are only two *pramāṇas*, viz. *pratyakṣa* (perception) and *anumāṇa* (inference). Candrakīrti famously disagrees, and in *Prasannapadā* endorses the full Naiyāyika set of four *pramāṇas*. Here we might see him vindicated, and vindicated by a *pramāṇavāda* text and its commentaries. The simile of the double moon turns out to be a remarkable source of insight, and it, of course, is a paradigm of *upadāṇa* (analogy). And its value only becomes evident through an extended commentarial tradition, a paradigm of *śabda*, or knowledge through linguistic activity. So, Dignāga may have unwittingly given aid and comfort to a more liberal epistemology than his own,

We also find here confirmation of the view ably defended by Cabezón (1994, 1998) regarding scholastic traditions. They are not conservative bulwarks against departure from classical texts. Instead they are progressive sequences of texts that draw increasingly sophisticated ideas from richly suggestive texts. To read the eight verses of Dignāga's root text is to see crude ore. Only the careful mining of that vein and patient smelting of that ore by a sequence of commentators reveals the gold it contains. And we may be surprised to find that some of what is of value in a text that appears only to investigate the nature of the percept in perception is in fact ethical.

This should not be all that surprising. After all, epistemology, phenomenology and ethics are closely intertwined in Buddhist thought. We can only understand our moral life in the context of our cognitive lives, and so the investigation into perceptual consciousness Dignāga initiates leads inevitably to questions about moral consciousness. When Yeshe Thabkhas moves from two moons to six realms, and then to moral perception, he is following a path blazed by Śāntideva. The most important cycling between the six realms is not the cosmological, but the psychological. When in the animal realm of reactivity in anger, those around us may appear very differently than they do when we are in the relaxed *devaloka* of a beach vacation or in the neurotic state of a *preta*. To ask which set of percepts is the

most *accurate*, which matches reality most perfectly may be the wrong question. If Yeshe Thabkhas is correct, the better question to ask is how, in whatever state we find ourselves, we can most effectively engage. That may bring us back to humanity, and that route to human consciousness may be the path Dignāga indicates, even if that indication requires a bit of interpretation.

References

- Berns, G. (2013). *How Dogs Love Us: A Neuroscientist and his Adopted Dog Decode the Canine Brain*. Boston: Houghton-Mifflin.
- Cabezón, J. (1994). *Buddhism and Language: A Study of Indo-Tibetan Scholasticism*. Albany: State University of New York Press.
- Cabezón, J. (1998). *Scholasticism: Cross-Cultural and Comparative Perspectives*. Albany: State University of New York Press.
- Carruthers, P. (2011). *The Opacity of Mind*. New York: Oxford University Press.
- Churchland, P. (1978). *Scientific Realism and the Plasticity of Mind*. Cambridge: Cambridge University Press.
- Coseru, C. (2012). *Perceiving Reality: Consciousness, Intentionality and Cognition in Buddhist Philosophy*. New York: Oxford University Press.
- Duckworth, D, MD Eckel, J Garfield, J Powers, Y Thabkhas and S Thakchöe. (2016). *A Philosophical Legacy in India and Tibet: Dignāga's Investigation of the Percept and its Indian and Tibetan Commentaries*. New York: Oxford University Press.
- Garfield, J. (2006). "The Conventional Status of Reflexive Awareness: What's at Stake in a Tibetan Debate?," *Philosophy East and West* 56:2, 201-228.
- Garfield, J. (2010/2011). "What is it Like to be a Bodhisattva? Moral Phenomenology in Śāntideva's *Bodhicāryāvātāra*," *Journal of the International Association of Buddhist Studies* 33:1-2, 327-351.
- Garfield, J. (2012). "Mindfulness and Ethics: Attention, Virtue and Perfection," in German as *Achtsamkeit als Grundlage für ethisches Verhalten* in M. Zimmermann, C. Spitz and S Schmidt eds., *Achtsamkeit* 227-250. Stuttgart: Hans Huber. (2012), *Thai Journal of Buddhist Studies* vol. III, pp. 1-24. (2012).
- Garfield, J. (2015). *Engaging Buddhism: Why it Matters to Philosophy*. New York: Oxford University Press.
- Garfield, J. (2016). "Reflection on Reflectivity: Comments on Evan Thompson's *Waking, Dreaming, Being*," forthcoming in *Philosophy East and West* 66: 3, July 2016, pp. 943-951.

- Garfield, J. and J. Westerhoff (2015). *Madhyamaka and Yogacāra: Allies or Rivals*. New York: Oxford University Press.
- Jinpa, T. (2002). *Self, Reality and Reason in Tibetan Philosophy: Tsongkhapa's Quest for the Middle Way*. London: Routledge.
- Kim, J. (1998) *Mind in the Physical World: An Essay on the Mind-Body Problem and Mental Causation*. Cambridge: MIT Press.
- Newland, G. (2008). *Introduction to Emptiness as Taught in Tsongkhapa's Great Exposition of the Stages of the Path*. Ithaca: Snow Lion Publications.
- Sellars, W. (1963). "Empiricism and the Philosophy of Mind," in W. Sellars, *Science, Perception and Reality*. London: Routledge and Kegan Paul.
- Sellars, W. (1977). "Berkeley and Descartes: Reflections on the New Way of Ideas," in P. Machamer and R. Turnbull (eds), *Studies in Perception: Interpretations in the History of Philosophy and Science*. Columbus: Ohio University Press.
- Thompson, E. (2011). "Self, No-Self: Memory and Reflexive Awareness," in M. Siderits, E. Thompson and D. Zahavi (eds.) *Self, No Self?*, New York: Oxford University Press, 157-175.
- Williams, P. (1997). *The Reflexive Nature of Awareness: A Tibetan Madhyamaka Defence*. London: Routledge.