

mandel

เพาตุดิ สิ้พ ฏิพ อูสพ จิร พิ รัสา รามูพ

sashi pukyi jukshing metok tram,

## าราราสีรารดิ 3.สีญารสูง เกรา

rirab lingshi nyinde gyenpa di,

เพรพาสูพาติรารูารมิยามาริารุฐณากราวสิบุ

sangye shingdu mikte ulwar gyi,

१२व्रेंगुरु:इरु:न्य:बिर:य:ह्येंन:यर:वेंग ॥

drokun namdak shingla chupar shok.

เดิ้ำร้าญารูารฐามฐาณฑาริฐารานามิไ

Idam guru ratna mandalakam niryatayami.

## Offering the Mandala

Here is the great Earth, Filled with the smell of incense, Covered with a blanket of flowers,

The Great Mountain, The Four Continents, Wearing a jewel Of the Sun, and Moon.

In my mind I make them The Paradise of a Buddha, And offer it all to You.

By this deed May every living being Experience The Pure World.

Idam guru ratna mandalakam niryatayami.



kyabdro semkye

sangye chudang tsokyi choknam la,

ไป๊ะ.ชึน.นะ.บ๊.นะนะนะเม็นสมุม

jangchub bardu dakni kyabsu chi,

## าวาทาทิพาฐิสาพักพาวฏิพานวิเวพัวาสมพาฏิพา

dakki jinsok gyipay sunam kyi,

## १२र्वे.ज.सर्द.हुर.जटश.मुग्र.दर्यीय.तर्य. ११

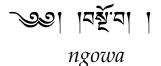
drola penchir sangye druppar shok.

## **Refuge and The Wish**

I go for refuge To the Buddha, Dharma, and Sangha Until I achieve enlightenment.

By the power Of the goodness that I do In giving and the rest,

May I reach Buddhahood For the sake Of every living being.



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gewa diyi kyewo kun,

ารพัร สุมพาพิ เวิพาส์ โทพาย์ โกพา เวิรา

sunam yeshe tsok-dzok shing,

ารสัราสุมสาพิเวิสาณสาฏุรารสิ

sunam yeshe lejung way,

निश्रायाञ्जू याहेशावर्ष्ठेयायरा र्वेया 11

dampa kunyi topar shok.

## Dedication of the Goodness of a Deed

By the goodness Of what I have just done May all beings

Complete the collection Of merit and wisdom,

And thus gain the two Ultimate bodies That merit and wisdom make.

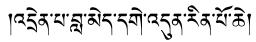


าสิุ้สานาสูามิราพรพาสูพาริสานีาธิา

tonpa lame sanggye rinpoche,

ાર્ગ્સેન્ગ્ય સુએન્ગ્ન અંદેશ રેન યેં ઢા

kyoppa lame damchu rinpoche,



drenpa lame gendun rinpoche,



kyabne konchok sumla chupa bul.

## A Buddhist Grace

I offer this To the Teacher Higher than any other, The precious Buddha.

I offer this To the protection Higher than any other, The precious Dharma.

I offer this To the guides Higher than any other, The precious Sangha.

I offer this To the places of refuge, To the Three Jewels, Rare and supreme.



## The Asian Classics Institute Course XIII: The Art of Reasoning

Level Two of Buddhist Logic and Perception (Pramana)

## **Course Syllbus**

### **Reading One**

Selection from the collected topics: Why study the art of reasoning?

Readings: An Explanation of the Art of Reasoning (rTags-rigs), by the Tutor of His Holiness the Dalai Lama, Purbuchok Jampa Tsultrim Gyatso (1825-1901); ff. 1A-2A and 10A-10B

*The Greater Compendium of All the Sutras (Mahāsūtra-samuccaya, mDo kun las btus-pa chen-po),* by Lord Atisha (982-1052); ff. 20A-22A

Formal logic subject: The definition of a reason

Reading: An Explanation of the Art of Reasoning, f. 2A

The forms of debate: The motivation for debating, and how to begin a debate

### **Reading Two**

Selection from the collected topics: An Outline of All Existing Things

- Reading: An Outline of All Existing Things (gZhi-grub kyi rnam-bzhag), from An Explanation of the Elementary Path of Reasoning (Rigs-lam chung-ngu'i rnam-par bshad-pa), by the Master Tutor Purbuchok Jampa Tsultrim Gyatso; ff. 5A-8B
- *Formal logic subject:* The subject, the quality to be proven, and the quality denied in a logical statement
  - Reading: An Explanation of the Art of Reasoning, ff. 2A-3A
- *The forms of debate:* Posture, the use of a rosary, and formulating the statement of a reason in three parts

#### Course XIII: The Art of Reasoning Course Syllabus

#### **Reading Three**

Selection from the collected topics: Quality and Characteristic

- Reading: A Presentation of Quality and Characteristic (sPyi dang byebrag gi rnam-bzhag), from An Explanation of the Elementary Path of Reasoning, ff. 19A-22A
- *Formal logic subject:* Similar cases, dissimilar cases, and "examples of the combination" in a logical statement
  - Reading: An Explanation of the Art of Reasoning, ff. 3A-5B

The forms of debate: The two responses to the statement of a reason

#### **Reading Four**

Selection from the collected topics: Cause and Effect

- Reading: An Elementary Presentation of Cause and Effect (rGyu-'bras kyi rnam-bzhag), from An Explanation of the Elementary Path of Reasoning, ff. 14B-19A
- *Formal logic subject:* The definition of a correct logical statement, and the three relations
  - Reading: An Explanation of the Art of Reasoning, ff. 5B-7B
- The forms of debate: Formulating a statement of necessity

#### **Reading Five**

Selection from the collected topics: Subjects and Objects

- Reading: A Presentation of Subject States of Mind and their Objects (Yul and yul-can gyi rnam-bzhag), from The Collected Topics of the Spiritual Son (Sras bsdus-grva), by Master Ngawang Trashi, the spiritual son of the great Jamyang Shepa (1648-1721); ff. 30A-38B
- *Formal logic subject:* An introduction to the types of correct logical statements, and a discussion of the first: the logical statement using a result
  - Reading: An Explanation of the Art of Reasoning, ff. 8A-9A

*The forms of debate:* The two responses to a statement of necessity

#### Course XIII: The Art of Reasoning Course Syllabus

#### **Reading Six**

Selection from the collected topics: Negative and Positive

- Reading: A Presentation of the Concept of Negative and Positive (dGagsgrub kyi rnam-bzhag), from The Collected Topics of the Spiritual Son, ff. 131B-136B.
- *Formal logic subject:* A discussion of the second type of correct logical statement: the logical statement using a nature
  - Reading: An Explanation of the Art of Reasoning, ff. 9A-10A

*The forms of debate:* Using scriptural authority

#### **Reading Seven**

Selection from the collected topics: Contradiction and Relationship

- Reading: A Presentation of the Concepts of Contradiction and Relationship ('Gal-'brel gyi rnam-bzhag), from An Explanation of the Intermediate Path of Reasoning (Rigs-lam 'bring-gi rnampar bshad-pa), by the Master Tutor Purbuchok Jampa Tsultrim Gyatso; ff. 26B-31B
- *Formal logic subject:* A discussion of the third type of correct logical statement—the logical statement to prove an absence of something—and the first category of this type of statement, which involves something that is not normally perceptible
  - Reading: An Explanation of the Art of Reasoning, ff. 10A-12A

The forms of debate: Some debating tactics

#### **Reading Eight**

Selection from the collected topics: Definitions and the Things They Define

- Reading: A Presentation of Definitions and the Things They Define (mTsan-mtson gyi rnam-bzhag), from An Explanation of the Elementary Path of Reasoning, ff. 33B-39A
- *Formal logic subject:* The category of the third type of correct logical statement which involves something that is normally perceptible
  - Reading: An Explanation of the Art of Reasoning, ff. 12A-16A
- *The forms of debate:* Different types of ritual debates

### Reading Nine

Selection from the collected topics: The Concept of Exclusion in Perception

- Reading: A Presentation of the Concept of Elimination in Perception (gZhan-sel gyi rnam-bzhag), from The Collected Topics of the Spiritual Son, ff. 136B-138B.
- *Formal logic subject:* Identifying elements of a logical statement; classifying correct logical statements by means of the quality to be proven; classifying them by means of the manner of proof; by means of what is to be proven; by means of the similar cases; and by means of the debater involved
  - Reading: An Explanation of the Art of Reasoning, ff. 16A-20A

The forms of debate: The traditional debating classes and subjects

#### **Reading Ten**

Selection from the collected topics: The Concept of Time

Reading: A Presentation of the Concept of Time (Dus-gsum gyi rnambzhag), from The Collected Topics of Rato (Rva-stod bsdusgrva), by Master Chok-hla U-ser (about 1500 AD); ff. 101B-106B, 111A-112A

Formal logic subject: A discussion of incorrect logical statements

Reading: An Explanation of the Art of Reasoning, ff. 20A-24A

The forms of debate: The traditional debate year

## The Asian Classics Institute Course XIII: The Art of Reasoning

## **Reading One: Why Study the Art of Reasoning?**

## Selection from the collected topics: Why study the art of reasoning?

The first two selections here are from a monastic textbook entitled An Explanation of the Science of Logic, included in the Advanced Path of Reasoning, a Section from the "Key to the Logic Machine"—a Presentation of the Collected Topics which Clarifies the Meaning of the Great Scriptures on Valid Perception (*Tsadma'i gzhung-don 'byed-pa'i bsdus-grva'i rnam-par bshad-pa rigs-lam 'phrul gyi lde'u-mig las rigs-lam che-ba rtags-rigs kyi skor*). This text was written by Purbuchok Jampa Tsultrim Gyatso (1825-1901), who in his day held the position of Tutor to the Dalai Lama.

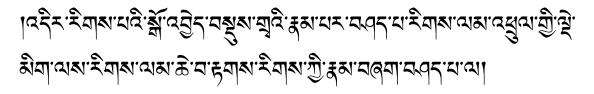
Between the two sections is a very relevant snippet from the Overview of the Perfection of Wisdom, composed by the great writer of textbooks for Sera Mey Tibetan Monastery named Kedrup Tenpa Dargye (1493-1568).

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Our first selection discusses the importance of learning how to reason well:

าสูามารรามที่สานีาจะมารมณารฎรมาณาผูญาจส์ณาณ์

I bow down to my Lama and my Protector, the glorious Gentle Voice (Manjushri).



Here begins An Explanation of the Science of Logic, included in the Advanced Path of Reasoning, a Section from the "Key to the Logic Machine," a Presentation of the Collected Topics which opens the door to the art of reasoning.

Let us consider first the quotation [from Master Dharmakirti's *Commentary on Valid Perception*] which says:

I bow down to the Teacher, the One Who has Gone to Bliss, To the Protector, the one who is totally correct, Who undertakes to benefit every living being.

The purpose of these lines is to show that our Teacher is a teacher who is totally correct (Tib: *tsad-ma;* Skt: *pramana*), and a teacher who is infinitely superior to those of non-Buddhist traditions. The reason here is that he "undertakes to benefit every living being"; which is to say, he was created by a very special cause—consummate thoughts and actions.

"Just what," one may ask, "are the extraordinary qualities which our own Teacher possesses?" This is answered in the words "the One Who has Gone to Bliss, the Protector." Our Teacher possesses both a consummate form of all that will benefit himself—that is, he has eliminated every negative thing within himself; and he possesses as well a consummate form of all that will benefit others—which is to say, he has realized all knowable things. As such he is said to be a Protector surpassed by none other; for as the *Commentary* [on Valid *Perception*] says, "He has smashed the web of ideas, and..."

And so it is that our Teacher is a teacher who is totally correct; and that his teaching is a teaching which is totally pure; and that the correct perceptions described in his words—that is, the pair of direct and deductive perception—are totally pure and correct methods of perception for us to use.

શું ગર્માયા સું ગયુવ ર્સે ગાયા તે છે અમ સુ સુ ગાય માય સ્થાન ગાય છે. સે ગાય સું ગયા છે. સે ગાય સું ગાય સ્થય સું ગાય સ સું ગાય સાં ગાય સું ગાય સ સું ગાય સાં ગાય સું ગાય સ સું ગાય સાય સું ગાય સ સું ગાય સ સું ગાય સું ગાય સું ગાય સું ગાય સું ગાય સું ગાય સ

The causes that create the Buddha are consummate thoughts and actions. Proving that these constitute a totally pure path that we should practice is accomplished by using the eight different forms of logic. As such there is but one main way of keeping the teachings of the victorious Buddha safe in the world, and this is to become a master of the logical forms used to prove some things and to disprove others. As the *Goldmine of Reasoning* [by the Sakya Pandita, Kunga Gyeltsen (1182-1251)] says,

Suppose a person comes to understand The scriptural tradition for how to reason: This art of proving or disproving things. A master like this is a person who keeps The teachings of the totally enlightened Buddhas safe here in the world.

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#### Course XIII: The Art of Reasoning Reading One

The role of faith versus the understanding that is born from the ability to reason properly is stated clearly in many scriptures on the perfection of wisdom, including the following:

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Here our discussion will have two parts: a description of the different ways in which people gain feelings of admiration for the Mother [of the Buddhas—that is, the perfection of wisdom] along with a discussion of the need to reach this emotion; and an explanation of what it means when we say that developing the three kinds of high knowledge—foundation knowledge, path knowledge, and omniscience—has no true existence.

Here is the first of the two. Suppose someone makes the following claim:

Consider the section where the commentary makes this statement: "At this particular point at least, those who follow after faith develop, quite quickly, strong feelings of admiration for it, beyond all doubt." There is a certain kind of disciple being referred to directly here, and that is the one who is studying the *Ornament* [of *Realizations* by Maitreya] and who is poor in his intellectual capacity—the kind that follows a teaching because of his or her faith alone. It is this kind of disciple for whom the *Ornament* was designed.

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But you are wrong in your assertion. It is always the case that, if a person is one of those disciples for whom the Ornament was designed, then he or she is a person who belongs to the greater way, and who possesses intellectual abilities which are extremely high. Think about these people—the ones who belong to the greater way and who possess an intellect which is very great. They don't begin to feel admiration for the three kinds of high knowledge simply based on the fact that someone has described to them the extraordinary qualities that these three possess. Rather they use correct forms of reasoning to come to a clear understanding of what the three-that is, foundation knowledge, path knowledge, and omniscience—really are, and they do the same to establish in their own minds the fact that neither people nor their "things" [or parts] have any nature of their own. When they have in this way come to actually see things through a valid form of perception, then they begin to have feelings of admiration for the Mother, for the three types of high knowledge—it is only then that they begin to have the kind of faith which believes in the good qualities of its object.

The second selection is a very famous quotation from scripture which is memorized by every young monk who begins the geshe course in a Tibetan monastery. It describes one of the ultimate reasons for studying the art of reasoning:

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There is a sutra where it says,

No person should ever judge another; those who try will fall.

The point of these words is to show us how wrong it is for us to say that someone else lacks any particular good quality, only because it does not appear to us that they do. This same point is made in the *Commentary* with lines such as the following:

#### Course XIII: The Art of Reasoning Reading One

In a case where valid perception has yet To engage in the object, the result obtained Is that they don't: they didn't engage.

Lord Atisha (982-1052), and is translated here in full:

*The full story behind this quotation is not often told in traditional Tibetan monasteries. It appears as an important section of the Greater Compendium of All* 

the Sutras (Mahāsūtrasamuccaya, mDo kun las btus-pa chen-po), *compiled by* 

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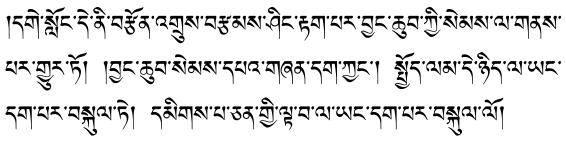
[Lord Buddha is speaking to his disciples, and describing a Buddha who had come before him:]

"The holy Dharma survived in the world for a thousand years after this Buddha, the One Gone Thus, had passed into his final nirvana. After that, those special sounds that came from the trees and spoke the Dharma to people disappeared as well.

"Listen, o child of noble family. That Buddha—the One Gone Thus, the Destroyer of the Foe, the Totally Enlightened One whose name was 'Towering like the Mountain at the Center of the World'—passed into his final nirvana only after he had appointed a certain monk, a teacher of the Dharma by the name of 'Pure Life,' to protect the teachings in this world.

"In those days there came another monk, one whose name was 'Intellect of Action.' He was possessed of a veritable mountain of morality, and had as well attained the five different kinds of worldly clairvoyance. He was moreover well versed in the scriptural collection concerning the subject of vowed morality.

"This monk lived with a group of followers who were the highest masters of an ascetic way of life, and who had found joy in living with nothing but the worst of food and lodging. They all built themselves an abbey in which to stay, and there Intellect succeeded in bringing his followers to a very high and pure level of moral living. They came to have a deep love for the way of vows, for the way of life that leads of purification.



"This monk, Intellect, spent his days making great efforts in the spiritual life, and in his heart he kept to the Wish for enlightenment. He was continually urging all the other aspiring bodhisattvas to live this way of life as well, and to keep up a worldview, a way of looking at things, which was pure and correct.

"He succeeded in bringing the others to believe in that part of the view which states that all things with causes are impermanent. He succeeded in bringing them to believe that all things with causes are suffering. He succeeded in bringing them to believe that nothing with a cause has any nature of its own. He became a great master of single-pointed meditation. He became a great master of the deeds of a bodhisattva, and he came to possess a great store of good karma within him.

[Our reading here reverses the negative particle *ma* in the Tibetan, which seems to be a printing error, given the context.]

"Now that other monk named 'Pure Life,' the teacher of the Dharma, came to be a great master in being able to understand the needs of other living beings, whether they were of the very highest or the very lowest of intellectual capacity. He and every one of his followers reached a point of true fluency in the way of life which leads to purification: they became well versed in the meaning of the invisible [that is, emptiness], and learned as well the art of acting in unexpected ways to help others.

#### Course XIII: The Art of Reasoning Reading One

"Listen, o child of noble family. There came a day when the teacher, Pure Life, came with his followers to the abbey where the monk Intellect was staying. They took up residence there. Pure Life, out of compassion for those living in the nearby towns, would often leave the abbey and go to take his food with the people. Then he would return home to the abbey. There in the homes of the people he was able to bring many hundreds, nay—many thousands, of families to have faith in the Dharma.

"All of Pure Life's followers came to be masters too in this way of helping others. They would also go to the towns, and teach the Dharma to the beings who lived there. They too brought many hundreds, nay—many thousands, of living creatures to the unsurpassed state of a purely and totally enlightened being.

"All the followers of the monk Intellect devoted themselves to meditating, and never went into the towns. There came a time when the monk Intellect began to lose his faith in those other bodhisattvas. He began to talk about how they were always going into the towns, and finally ordered that the *gandi* stick be beaten, to announce an assembly of the community of monks. When they had all come together, he gave the following order:

" 'None of us is allowed to go to the towns any more,' he said. 'You are behaving carelessly. And what need is there anyway for those who are supposed to speak little to go to town? Staying in the monastery is an activity which Lord Buddha has clearly allowed us, and which He has recommended for our way of life.

"And so did he command them: 'You must stop going into the towns now. Spend your days here, wrapped in the pleasure of meditation.'

"Listen, o child of noble family. Pure Life and his followers refused to follow the order, and continued to go frequently into the towns. Once, when they had returned to the abbey, the monk Intellect again had the *gandi* stick beaten, calling an assembly of the monks. There in the assembly, Intellect made the following declaration: 'From now on, anyone who goes to town is prohibited from staying in our abbey.'

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"Listen, o child of noble family. The monk Pure Life—this teacher of the Dharma—determined that he would try to protect Intellect from wrong thoughts, and so he called together all his followers, and said to them, 'Now none of you should go to town.'

"But then came a problem with all the people whom these monks had sought to develop spiritually. Because they no longer had any contact with the monks, these people began to be very upset, and a dark cloud began to form over all the good karma they had collected up to that time.

"Listen, o child of noble family. Three months passed this way, and then the monk, that teacher of the Dharma, Pure Life, moved away from this abbey and went to live in another. From there he would go to the towns, and to the cities, and to whole areas and other lands, and so too among those who lived in the palaces of kings, and taught the Dharma to the people.

"Listen, o child of noble family. The monk Intellect saw the teacher of the Dharma, Pure Life, going out all the time. He also saw this teacher's followers acting in ways that seemed worldly to him, and he began to lose faith in them as well. And then he began to criticize the monk widely, in the following words: "This monk has lost his morality; he is corrupt. How could he ever achieve enlightenment this way? He goes further and further from enlightenment. There he is, living in the hustle and bustle of the everyday world.'

"Listen, o child of noble family. Later on there came a day when this monk named Intellect breathed his last. As soon as he died, the karma of his actions ripened, and he dropped to the hell we know as 'No Respite.'

"Intellect remained in this great hell, experiencing each of its torments, for 99 periods that each went on for a hundred billion periods of ten million eons each. Then he spent sixty lives constantly slandered by others. And for 32,000 lifetimes he was a monk who lost his robes.

"When all these karmic obstacles had befallen him, there was some karma still remaining. These led him to a birth in the days when the Destroyer of the Foe, the Totally Enlightened One, the Buddha named Immaculate Shining Light, was teaching in the world, and he took ordination in His way. He made incredible efforts, exerting himself with the same effort that a person would if his hair had caught on fire, for sixty thousand periods each made of a hundred periods of ten million years each. And yet he was unable to reach even the level known as 'mastery,' which leads into the realization of selflessness. He spent many hundreds and thousands of lifetimes as a person with the dullest of intellect.

"Listen, o child of noble family. You may think that the one monk, the teacher of the Dharma, the one named Pure Life in those days, was just any person at all. But don't think that way. Why do I say this? Because it is the One Gone Thus, the Buddha whom we know as Unshakable, who was in those days that monk, the teacher of the Dharma, by the name of Pure Life.

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"Listen, o child of noble family. You may think that the other monk, the one named Intellect, also a teacher of the Dharma, was just any person at all. But don't think that way. Why do I say this? Because it is I myself who was that teacher, the one named Intellect. And it was I who—due to some small incident—came to lose my faith. It was I who created the karmic obstacle. And it was I who, because of it, fell down to hell.

"Listen to me, o child of noble family. Speaking in a way that will split up other people is a great karmic obstacle. Listen, o my child. Anyone who wants to avoid this obstacle must never feel anger about what others may do. They must trust in all that others do. They must think to themselves, 'I cannot know what this other person is really thinking. It is a difficult thing to understand all that others do.' They must come to develop this way of thinking.

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And because He had grasped this king of all ideas, the One Gone Thus then spoke the following, and thus taught the holy Dharma:

No person should ever judge another. Those who do try to judge another will only hurt themselves. Only I, or someone like me, is able to judge another.

રેષાશ્ર શે નુસુચનમા મસુદ પર લે દેન પર નેશ્વ શુવે સુંદ સા બાબદ પદ મા ગામ સ્ટ્રાય સે ગામ સે ગામ સે ગામ સ્ટ્રાય સે ગામ સે ગામ સે ગામ સે ગામ સે ગામ સે ગામ સ્ટ્રાય સે ગામ સે ગામ

"Listen, o child of noble family. Those who wish themselves well should never spend their time examining what anyone else at all is doing. They should never criticize another, saying 'Those people are doing this and that. This person is doing such and such.' Rather they should spend all their day, and all their night, in trying to practice the teachings of the Buddha.

રૈષાશ્વ શૈું) નુ ર્કેશ ભાવર્ક્સેશ મલે ખેટ શૈશાવશ્વશ્વ ભાવ જ્યાપ્ય સ્થા ખાદ દ્વાપા છે. લુવાશ્વ મલે સુરા નુદ રહુવ સેશ્વ ગાય સેવાય છે. ગાલવા ભાવ જ્યાપા ક્યા બાદ દ્વાપા છે. શેય

"Listen, o child of noble family. A bodhisattva should never spend his time working to criticize others, for he or she must devote their whole heart to living in a pure way themselves, immersed in thoughts of the Dharma."

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Formal logic subject: **The definition of a reason** 

૧૮ મેં ભા મગય સુ ગર્મે ૬ ગયા મગય છે અઠ ર છે રા રે સુવ છે મગય સુ ગર્મે ૬

# યા ને સ્નુન શે મગયશે અઠવ જેના

Here is the first part of our discussion. The definition of a reason is "Anything put forth as a reason." The definition of a reason in any particular logical statement is, "Anything put forth as the reason in any particular logical statement."

It doesn't even matter if something exists or not, it can always be a reason in any particular logical statement. This is because of the fact that, no matter what something may be, it can still always be put forth as the reason in any particular logical statement. And this is true because even the horns of a rabbit can be put forth as a reason, in the following way:

Consider anything, whether it exists or not. It is a changing thing, Because it is the horns of a rabbit.

The definition of the reason in a logical statement to prove that sound is a changing thing is, "Anything put forth as the reason in a logical statement to prove that sound is changing." The definition of the reason in a logical statement where a thing which is made is used as a reason in a logical statement to prove that sound is changing is, "Anything put forth as the reason in a logical statement where a thing which is made is used as a reason in a logical statement to prove that sound is changing is, "Anything put forth as the reason in a logical statement where a thing which is made is used as a reason in a logical statement to prove that sound is changing." This same pattern applies to all other cases as well.

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#### Course XIII: The Art of Reasoning Reading One

## The forms of debate: The motivation for debating, and how to begin a debate

Monks in a monastery such as Sera Mey Tibetan Monastery in south India follow a rigorous schedule of debate. At around age twelve, young monks begin to study formal logic (*takrik*) and the basic related topics (*dura*) with their house teacher. By age fifteen, if their progress is satisfactory, they are allowed to enter the debate courtyard and participate in the debates.

At Sera Mey, debates are held twice a day on every other day, once in the morning and once at night. On the remaining days, with the exception of Tuesday (which is market day), debating is held only at night, so that monks can attend extra classes with their scripture teachers in the morning.

Debate is an incredibly powerful tool for reviewing and digging deeper into the subjects learned during classes each day. During a typical day, a monk will spend the early morning in prayers at the assembly hall, and then go home to memorize scripture in his room. Later in the morning he attends either debate or his regular classes. This is followed by a break for lunch, a rest, and personal study. The afternoon is spent in two or three classes with five to twenty other students, in the room of a scripture master.

After an evening meal, monks study on their own. Around six o'clock, a gong called a *ka-nga* (sky-drum) is beat from atop the main temple of the monastery. This is the call to the debate courtyard. The beat begins slow, and then speeds up to a quick pulse. By the time it reaches its crescendo, all monks are expected to be ready in the courtyard, sitting in rows around the platform and throne (called a *shuktri*) where the great debates are centered.

No books are allowed in the debate courtyard; the feeling as you sit in your room and hear the gong beaten is that you will be completely naked, and armed only with your own knowledge. You straighten your robes, grab your monk's shawl and your rosary, and slip a small Tibetan rug under your arm. This carpet will keep your bottom warm through the many hours ahead, exposed to the night, sitting on the flagstones of the courtyard. Until recently, the debate courtyards in south India had no electricity; it still fails frequently, and some of the most pleasant hours of a monk's day are spent out on the courtyard, under the stars, in the sound of the debates and a soft wind blowing past.

The debate master, known as the *giku*, supervises the debates, walking around the courtyard answering questions, urging the debaters on, and enforcing discipline with an occasional hearty swing of his rosary. He is normally a

senior *geshe*, and serves as vice-abbot of the entire monastery, representing the abbot whenever he is unable to attend a function.

A senior student in the debate courtyard, one with a good voice and memory, begins to recite the *kurim (sku-rim)*, or opening prayers. No debate session is begun without at least a brief version of the opening prayers. This is a time for every monk to sit quietly, chanting and reviewing his motivation for the debates. It is considered extremely important to think carefully during these prayers, and to remove any emotions of competitiveness or pride for the coming debates. We debate so that we can help the others around us, and to examine what we believe, so that we can become enlightened more quickly, and therefore be of ultimate help to all living beings.

Once a week, an extensive evening *kurim* is held. The entire nighttime debating session is devoted to prayers for the benefit of beings, for everyone's successful practice of the Dharma, for proper motivation, and to prevent obstacles. Here is a list of the prayers that are currently recited in the extensive *kurim*; a few of the items have changed from the days in Tibet:

1) The Extensive Verses on Going for Refuge and Thinking about the Wish for Enlightenment

2) The Thousand Angels of the Heaven of Bliss (Ganden Hlagyama)

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3) Three repetitions of the Lady of Liberation (Drolma, or Tara) from Potala মাঁদ্ৰ মোমী স্থ্ৰামা

4) Reverence to the Goddess, a Praise of the Lady of Liberation

5) The *Twenty-One for the Holy and Realized Being, the Lady of Liberation;* twenty-one verses of praise to the twenty-one forms of Tara, consisting of twenty-one prostrations and recited twenty-one times

#### Course XIII: The Art of Reasoning Reading One

6) The *Prayer of the Holy and Conquering Angel, Verses in Praise of the Lady of Liberation;* this is sometimes alternated with another praise of Tara, *The Glorious Queen of the Divine* 

- 7) The Prayer of the Angel of the White Parasol (Dukkar, or Sita Tapatra) קקקאיקאיק
- 9) Three repetitions of the *Essence of Wisdom ("Heart Sutra")* —this can be done either in a very quick version, or in a very slow version to a beautiful tune; on special occasions, 17 of the quicker version and one of the slow are done

10) The Prayer of the Angel with the Face of a Lion (Senggey Dongchen, Simha Mukhi), for Preventing Every Obstacle

11) The Tree of Sandalwood, a Prayer to the Wishing Jewel, the White Protector (Gunkar Yishin Norbu, Sita Chintamani Mahakala)

12) The Servant of Gentle Voice (Manjushri)

वह्रसान्यवायगवानुमु

13) The Powerful One from the Burial Ground of Maru, a Prayer to the Protector Known as Chamsing; Chamsing is an early major protector for Sera Mey Monastery, and is shared with other monasteries न्नरःख्रुकः सः मु

Please note! The protectors mentioned here have nothing to do with the object of the current protector controversy.

14) The *Palace Built of Bliss, a Prayer to the Protector Known as Taok;* Taok is a unique protector who watches over Sera Mey, and who appeared after Chamsing

15) The Blaze of the Teachings, a Prayer that the Teachings of the Buddha Remain Strong in our World

বশ্বুর'বেস্'মা

16) A variety of different verses of auspiciousness নশ্ৰ-আইন্য-বিস্-নিত্ৰ-

On other days, a different *kurim* is done in the morning and the evening. The following is a typical morning *kurim*:

- 1) Three repetitions of the Essence of Wisdom ("Heart Sutra") 이제 '지, '황도' 신
- 2) A Supplication to the Lamas of the Lineage of the Debate Tradition, which is "updated" by the great lamas of subsequent generations to include the great figures of the Sera Mey debate tradition; when His Holiness the Dalai Lama appointed our root Lama, Khen Rinpoche Geshe Lobsang Tharchin, to be abbot of Sera Mey, he told Rinpoche: "Oh, I really wanted to get your name into the lineage!"

The *kurim* in the evening of the same day would be as follows:

1) A Supplication to an Eminent Lama of the Debate Tradition of Sera Mey, Kedrup Tenpa Dargye

พุทพาสูนาารสุสานารราสูพาณาสุมัณาฉริมพา

2) Chanting the Names of Gentle Voice (Manjushri) スモメ・ディン・スレーズ

3) Chanting the Longer Incantation of the Woman of Total Victory (*Namgyalma, or Vijayi*); this prayer is used for both protection and for a long and healthy life

สมาสูญามณิวาาสูรมาริรา

4) A single recitation of the Essence of Wisdom ("Heart Sutra")

After the *kurim* is completed, the monks break out in a kind of victory cheer using the sound *dhi!*—the root syllable of Gentle Voice, the embodiment of the Buddha's intellect and wisdom—to celebrate the beginning of another debate session. Each monk then stands up and mills around the debate courtyard, looking for another monk with whom to debate one-on-one. This is an opportunity for monks from different classes (like freshmen and sophomores in high school) to challenge each other.

Since each class is debating a completely different subject, this is an excellent time for the older monks to review what they have already learned, by choosing a partner from one of the lower classes. The younger monk, in turn, has a chance either to go through his class's current topic with a more experienced debater, or to hear a little bit about a topic which he will have to debate in the coming years.

The two monks decide on who will be the attacker, and who the defender. The defender throws his carpet down on the flagstones, often near a wall where he can lean, and seats himself. The attacker stands facing his opponent, thinking furiously of a subject from which to begin. He then unfolds part of his monk's shawl and drapes it over his left shoulder from the back, a sign of respect that has been followed since the time of Lord Buddha.

The attacker bows close to his opponent's face and claps his hands, simultaneously whispering, *Dhi jitar chuchen!*—which means: "*Dhi!* So what do you think about this one?" He begins the debate then normally by making a statement which is false, to see if his opponent can disprove him. A typical statement of this kind might be, "There is no logical reason why Lord Buddha repeated himself in the *Heart Sutra*, where he says 'Well done! Well done!"

This naturally becomes the starting point of a heated argument, which might last for hours.

The attacker in the debate will accompany his salvos with vigorous body language like stamping and clapping, as well as shouts and taunts. None of this is meant in a competitive or insulting way, but only as a way of breaking the concentration of the opponent. Monks trained in the debate courtyard thereby learn to concentrate deeply, and to stay free of distraction even with hundreds of screaming debaters all around them. This will be a great asset to them when they must sit in their rooms and think out difficult texts, or as they answer future students in different parts of the world, as they present their objections or difficult questions on specific points in the Buddha's teachings.

After about an hour or so, the debate master walks through the midst of the debaters, waving the end of his monk's shawl. This is a sign for the various classes to group together for the second stage of the debates; all the monks studying Middle-Way philosophy, for example, move quickly (for fear of the debate master's rosary) to sit together in a particular corner of the debate ground.

Here the monks of each class sit in two groups facing each other, with a narrow corridor left between the two groups. The groups themselves form into rows, perhaps three or four deep in a larger class, so that every monk can watch the debate. Each class has a class leader, known as a *kyorpon* (or "recitation leader"), who is chosen in the first year that the class is formed, and who will serve in his position until the members of the class take their geshe examinations some 18 years later.

Each member of the class throws his rosary into a pile on the flagstones in the open space between the two groups of monks. The class leader picks all the rosaries up in his hands, and tosses the whole bunch into the air. He closes his eyes and grabs one of the rosaries as the bunch falls to the ground. The owner of this rosary will be the defender in the first debate of the session. This process is repeated for the attacker, and usually for an "assistant" defender. Monks who enjoy debate bring huge, long rosaries to the courtyard, and the lazy ones buy a tiny one.

The two defenders seat themselves on their mats at the head of the corridor between the two groups of monks, and the attacker comes and stands within the corridor. He begins a debate as before. After a few minutes, any monk who has a good idea to bring up might start to yell it at the defenders as well, and will often stand up and push his way past the original attacker. Within about a half an hour, a whole group of attackers may be pushing and shoving to get to the front and scream their question at the defenders. This part can be very physical, but it is extremely rare to see anyone in the debate courtyard actually lose their temper.

The tempo of a debate is very fast, with heavy philosophical concepts flying by in a clipped mixture of modern slang and ancient literary Tibetan. The audience has to listen carefully to follow where the debaters are running. It takes only a few minutes to tear through a difficult concept in a way so thorough that it could never be accomplished even in hours of classroom time or reading in one's room. There is probably no more powerful tool for learning the great ideas of Buddhism.

Selecting a topic, and maintaining a good motivation, are the two keys in getting the most out of the wonderful opportunity of a debate. An experienced debater, like any good Buddhist, learns to bring up the difficult points that he or she is unsure of—it is less comfortable than debating what you already understand clearly, but within a few minutes you will have deep insights into your question that you could never come up with on your own. Most nighttime debates last for four or five hours, and it is not unusual for a class to get engrossed and go on for most of the night. The level of understanding which monks reach this way is extraordinary.

It is important to give up any feeling of being self-conscious or embarrassed about debating. Say what you think, and say it with power! If you're wrong, you'll learn something new, and you can only be the better for it. Remember that your whole motivation is to become enlightened as quickly as you can, and be able to lead others to the paradise of enlightenment too. For this you will have to know your stuff well—you will have to know what you believe, and know why you believe it, and be able to express it clearly and defend it, especially in a country where Buddhism is just beginning.

It is essential for American Buddhists to believe in the Dharma only when it makes perfect sense to them, and not because of blind faith or tradition. Only then will the Dharma take strong root in this country, and only then will millions be able to follow it, and reach the goal of deathless bliss. You will have no trouble debating if you remember this—you are debating to save the lives of others.

## The Asian Classics Institute Course XIII: The Art of Reasoning

## **Reading Two: An Outline of All Existing Things**

#### Selection from the collected topics: An Outline of All Existing Things

The selection here is from the monastic textbook entitled An Explanation of the Science of Logic, included in the Advanced Path of Reasoning, a Section from the "Key to the Logic Machine," a Presentation of the Collected Topics which Clarifies the Meaning of the Great Scriptures on Valid Perception (Tsad-ma'i gzhung-don 'byed-pa'i bsdus-grva'i rnam-par bshad-pa rigs-lam 'phrul gyi lde'u-mig las rigs-lam che-ba rtags-rigs kyi skor). The text was written by Purbuchok Jampa Tsultrim Gyatso (1825-1901), who in his day held the position of Tutor to the Dalai Lama.

Please note that indented statements are those made by the opponent. The logical statements in brackets are understood responses that are often left out of the text.

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Here is the second section, an outline of existence. Here we will refute the position of our opponents, present our own position, and then finally disprove their rebuttal.



Here is the first. Suppose someone comes and makes the following claim:

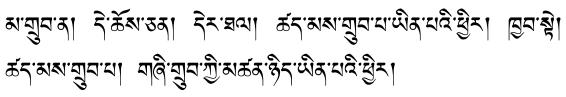
If a thing can be established as existing, then it is necessarily an unchanging thing.

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Consider then a water pitcher. So is it an unchanging thing? Because it can be established as existing.

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[It's not correct to say a water pitcher can be established as existing.]

Suppose you say that it's not correct [to say that a water pitcher can be established as existing.]

It is so [something that can be established as existing], Because it is established through a valid perception.

[It doesn't necessarily follow.]

It does necessarily follow,

Because "that which is established through a valid perception" is the definition of a thing which can be established as existing.

[Then I agree to your original statement: the water pitcher is an unchanging thing.]

Suppose you agree to our original statement, [that a water pitcher is an unchanging thing].

Consider the water pitcher. It isn't so, that it's something unchanging; Because it's a thing that changes.

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[It's not correct to say it's a thing that changes.]

Suppose you say that it's not correct [to say that it's a thing that changes]. Consider this same thing.

It is so [something which changes],

Because it's something that lasts only for a moment.

<u>[มาลิ] มาร์จิญมา มิหญานลิมส์สุดิร พิสุนลินิ</u>ร

[It doesn't necessarily follow.]

It does necessarily follow,

Because "anything that lasts only for a moment" is the definition of a changing thing.

พธ์สาหิรา ผิพานา กูญานนิาพธ์สาหิราพิสานนิายินา

[It's not true that this is the definition of a changing thing.]

It is so the definition of a changing thing,

Because "anything that performs a function" is the definition of a working thing; "anything that stops" is the definition of a produced thing, and "anything that starts" is the definition of a made thing.

เกาซิสาสาริ) พีรานาพิสาสุ รรัญาน้ำพิสานญาเลิราสุ

Suppose someone comes and makes the following claim:

If a thing is something which exists, Then it must always be a working thing.

# पर्रुषायानुषाग्री मयायामपार के राज्या देरा द्वीरा मियाताया

Consider empty space, the space which is unproduced. So is it then [a working thing]? Because it is [something which exists].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

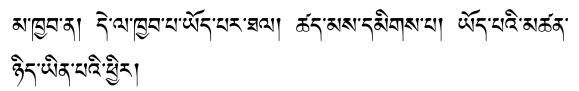
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[It's not correct to say that it's something which exists.]

Suppose you say that it's not correct [to say that it is something which exists]. Consider this same thing.

It is so [something which exists],

Because it can be established as existing through a valid perception.



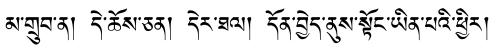
[It doesn't necessarily follow.]

It does so [necessarily follow,]

Because "anything which can be perceived through a valid perception" is the definition of an existing thing.

[Then I agree to your original statement: empty space is a working thing.]

Suppose you agree to our original statement. Consider this same thing. Isn't is so, that it is not a working thing? Because it is a thing which has no work.

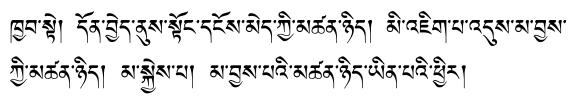


Suppose you say that it's not correct [to say that it is a thing which has no work].

Consider this same thing.

It is so [a thing which has no work],

Because it is void of the quality of performing a function.



[It doesn't necessarily follow.]

It does necessarily follow,

Because "anything which is void of the quality of performing a function" is the definition of a thing which has no work; and "anything which never stops" is the definition of a thing which was not produced; and "anything which never starts" is the definition of a thing which was not made.

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Suppose someone comes and makes the following claim:

Knowable things must always be knowable things which can be.

Consider the two of a pillar and a water pitcher. So are they [a knowable thing which can be]? Because they are [knowable things].

## भः गुनाना दे के भारता देन मा के दाय के मा के म का का का मा के मा

[It's not correct to say that they are knowable things.]

Suppose you say that it's not correct [to say that they are knowable things]. They are so [knowable things],

Because they are things which exist.

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[It doesn't necessarily follow.]

It does necessarily follow,

Because "knowable thing," "something which exists," "something which can be apprehended," and "something which can be established as existing" are all different names for the same thing.

[Then I agree to your original statement: the two of a pillar and a water pitcher are a knowable thing which can be.]

Suppose you agree to our original statement.

Consider these same things.

It isn't so, that they are a knowable thing which can be, Because they are knowable things which cannot be.

[It's not correct to say that they are knowable things which cannot be.]

Suppose you say that it's not correct [to say they are knowable things which cannot be].

Consider these same things.

They are so [knowable things which cannot be],

Because (1) they are knowable things and (2) there doesn't exist a thing which is them.

The second point we just mentioned is easy to accept; now suppose you say that the first is not correct.

Consider these same things.

They are so [knowable things],

Because they are either one thing, or separate things, or both one thing and separate things.

[It's not correct to say that they are either one thing, or separate things, or both one thing and separate things.]

Suppose you say that it's not correct [to say that they are either one thing, or separate things, or both one thing and separate things].

Consider these same things.

They are so [either one thing, or separate things, or both one thing and separate things,]

Because they are separate things.

[It's not correct to say that they are separate things.]

Suppose you say that it's not correct [to say that they are separate things]. Consider these same things.

They are so [separate things],

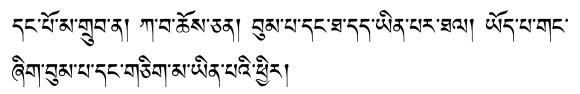
Because they are separate in such a way that to be one always means that you cannot be the other.

[It's not correct to say that they are separate in a way that to be one always means that you cannot be the other.]

Suppose you say that it's not correct [to say that they are separate in such a way that to be one always means that you cannot be the other].

It is so true, that the two of a pillar and a water pitcher are separate in such a way that to be one always means that you cannot be the other,

Because to be a pillar is not to be a water pitcher, and to be a water pitcher is not to be a pillar.



[It's not correct to say that to be a pillar is not to be a water pitcher.]

Suppose you say that it's not correct to say the first, [that to be a pillar is not to be a water pitcher.]

Consider a pillar.

It is so true, that to be it is not to be a water pitcher,

Because (1) it exists and (2) it is not automatically a water pitcher.

[มชิญสาว] พัรามพิสาญ พิสามส์ สิรามส์ พัรามพิสามสายการม

Suppose someone comes and makes the following claim:

If something exists,

It must always be something which exists and which cannot be.

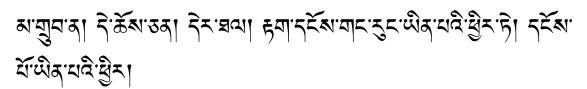
न्दें अर्थे के अरुवा ने राष्ट्र हिन या मार्ग

Consider a working thing.

So is it then something which exists and which cannot be? Because it is [a thing which exists].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[It's not correct to say that a working thing is a thing which exists.]

Suppose you say that it's not correct [to say that a working thing is a thing which exists].

Consider this same thing.

It is so [a thing which exists],

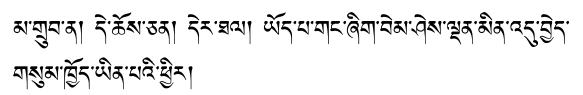
Because it's either an unchanging thing, a working thing, or both; Because it's a working thing.

[Then I agree to your original statement: a working thing is something which exists and which cannot be.]

Suppose you agree to our original statement.

Consider this same thing.

It isn't so, that it's something which exists and which cannot be, Because it's something which exists and which can be.



[It's not correct to say that it's something which exists and which can be.]

Suppose you say that it's not correct [to say that it's something which exists and which can be].

Consider this same thing.

It is so [something which exists and which can be],

Because (1) it is something which exists; and (2) the three of matter, mind, and those active things which are neither mind nor matter are all things which are different kinds of it.

ष्ट्री सामा मुनाना नेसा मेना खुन सेना पर् हो ने गान के का स्वा ने मेना से साम मेना से साम मेना से साम मेना से स รณา พิรามาการสิการกามาพิสามณิชา

[It's not correct to make the latter statement: that the three of matter, mind, and those active things which are neither mind nor matter are all things which are different kinds of working things.]

- Suppose you say that it's not correct to make the latter statement: [the statement that the three of matter, mind, and those active things which are neither mind nor matter are all things which are different kinds of working things].
- Consider the three of matter, mind, and those active things which are neither mind nor matter.

They are so working things,

Because they are (1) things which exist and (2) are not things which are unchanging.

#### मिंछेमाननी नर्देश्वार्यास्रायस्य हमायास्री न्यायास्र मिया हेमाया

Suppose someone comes and makes the following claim:

If something is not a working thing, it must always be an unchanging thing.

Consider a rabbit's horns. So are they [an unchanging thing]? Because they are [something which is not a working thing].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

พ. मुनावा दे. क्रेश्व देर. वया स्वार्ट्र श्वारा द्राया दे स्वार्ट्र श्वारा दे स्वार्ट्य स्वारा स

[It's not correct to say that a rabbit's horns are not a working thing.]

Suppose you say that it's not correct [that a rabbit's horns are not a working thing.]

Consider this same thing.

They are so [not a working thing],

Because they are neither an unchanging thing, nor a working thing, nor both.

#### अःग्नुनःमा देः के अः उमा देनः इत्या केंदाया आधिमय दे धुना

[It's not correct to say that they are neither an unchanging thing, nor a working thing, nor both.]

Suppose you say that it's not correct [to say that they are neither an unchanging thing, nor a working thing, nor both].

Consider this same thing.

They are so [neither an unchanging thing, nor a working thing, nor both]. Because they are not something which exists.

भः मुनावा दे के भारता दे राष्ट्र भारती के राष्ट्र भी राष्

[It's not correct to say that they are not something which exists.]

Suppose you say that it's not correct [to say that they are not something which exists].

Consider this same thing.

They are so [not something which exists],

Because they are something which does not exist.

[It's not correct to say they are something which does not exist.]

Suppose you say that it's not correct [to say that they are something which does not exist].

They are so [something which does not exist],

Because their existence cannot be established by a valid perception.

[Then I agree to your original statement: a rabbit's horns are an unchanging thing.]

Suppose you agree to our original statement, [that a rabbit's horns are an unchanging thing.]

Consider this same thing.

It's not so, that they are an unchanging thing,

Because they are not something which exists.

[It's not correct to say that they are not something which exists.]

Suppose you say that it's not correct [to say that they are not something which exists.]

Consider this same thing.

They are so [not something which exists],

Because they have no existing nature.



[It's not correct to say that a rabbit's horns have no existing nature.]

Suppose you say that it's not correct [to say that a rabbit's horns have no existing nature].

Consider this same thing.

They are so [something that has no existing nature],

Because they are not something which holds any existing nature.

ม जुनना दे के राज्या देन हा के राज्य के राज्य में राज्य

#### Course XIII: The Art of Reasoning Reading Two

[It's not correct to say that a rabbit's horns are not something which holds any existing nature.]

Suppose you say that it's not correct [to say that a rabbit's horns are not something which holds any existing nature].

Consider this same thing.

They are so [not something which holds any existing nature], Because they are not a thing (a *dharma*).

[It doesn't necessarily follow.]

But it does necessarily follow, because "anything which holds an existing nature" is the definition of a "thing" (or *dharma*).

[*This definition by the way reflects an etymological explanation in the Sanskrit, since the verbal root for "to hold" is dhr, which is also the root for dharma.*]

Suppose someone comes and makes the following claim:

If something is a thing, it can never be a thing which is such that there is a place where it doesn't exist.

Consider a water pitcher.

So is it then [not a thing which is such that there is a place where it doesn't exist]?

Because it is [a thing].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

મગ્નુવાના ને દેશા અના ને માલ્યા વર્ષા ગુરુ છે. દેશા સે માલે છે. આ ગુરુ સે માલે છે. આ ગુરુ સે માલે માલે છે. આ ગ

[It's not correct to say that a water pitcher is a thing.]

Suppose you say that's it's not correct [to say that a water pitcher is a thing]. Consider this same thing.

It is so [a thing],

Because it is a thing which is produced.

# भः गुन्न दे के भारती देर खला दर्र भारती से मा

[It's not correct to say that a water pitcher is a thing which is produced.]

Suppose you say that it's not correct [to say that a water pitcher is a thing which is produced].

It is so [a thing which is produced], Because it is a working thing.

[It's not correct to say that a water pitcher is a working thing.]

Suppose you say that it's not correct [to say that a water pitcher is a working thing].

It is so [a working thing],

Because it is a thing which performs a function.

[It's not correct to say that a water pitcher is a thing which performs a function.]

Suppose you say that it's not correct [to say that a water pitcher is a thing which performs a function].

It is so [a thing which performs a function],

Because it is an object with a rounded body and a supporting base which performs the function of holding water.

#### रेर.वर्णा युषायाणीम्यवेधिरा

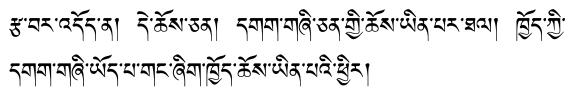
[It's not correct to say that a water pitcher is an object with a rounded body and a supporting base which performs the function of holding water.] It is so [an object with a rounded body and a supporting base which performs

the function of holding water], Because it's a water pitcher.



[It doesn't necessarily follow.]

But it does necessarily follow, because that is the classical definition of a water pitcher.



[Then I agree with your original statement: a water pitcher is not a thing which is such that there is a place where it doesn't exist.]

Suppose you agree with our original statement, [that a water pitcher is not a thing which is such that there is a place where it doesn't exist.]

It is so [a thing which is such that there is a place where it doesn't exist], Because (1) there does exist a place where it doesn't exist, and (2) it is a thing.

The second point we just mentioned is easy to accept; now suppose you say that the first is not correct.

It is so true [that there exists a place where a water pitcher doesn't exist], Because there exists a location where there is no water pitcher.

### พ.สูจาลา วิพ.ล.พา อาสามิวาพิลาสา อูพ.พ.พัวานพ.พ.ยิอาณร.ผิมา

[It's not correct to say that there is a location where there is no water pitcher.]

Suppose you say that it's not correct [to say that there is a location where there is no water pitcher].

It is so true [that there is a location where there is no water pitcher],

Because if any particular thing is such that it has no self-nature, then it is not always the case that a water pitcher has to be there.

#### นเชิญสาร์ ระเพสสาพิสาสา ผิสานาพิสานสายุรายราสา

Someone may come and make the following claim:

If something is a thing which exists in and of itself, then it must always be mental.

#### नेसःवेसःगहेसःर्केसःरुद्दा देरःष्ठया देदेः ध्रेरा दिनःत्राप्तसा

Consider the two of matter and mind. So are they then [something mental]?

Because they are [things which exist in and of themselves].

[It's not correct to say that the two of matter and mind are things which exist in and of themselves.]

Suppose you say that it's not correct [to say that the two of matter and mind are things which exist in and of themselves].

Consider these same things.

They are so [things which exist in and of themselves],

Because they can be established as existing to the state of mind of direct, valid perception.

[It's not correct to say that the two of matter and mind can be established as existing to the state of mind of a direct, valid perception.]

Suppose you say that it's not correct [to say that the two of matter and mind can be established as existing to the state of mind of a direct, valid perception.]

Consider these same things.

They can so [be established as existing to the state of mind of a direct, valid perception],

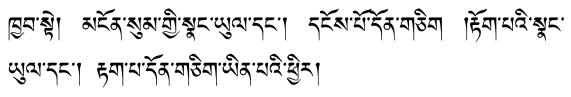
Because they are objects which present themselves to direct, valid perception.

अःग्रुमःग नेः केंशः उगा नेमः त्रया नेमें शांभी का यतेः भुमा

[It's not correct to say that they are objects which present themselves to direct, valid perception.]

Suppose you say that it's not correct [to say that they are objects which present themselves to direct, valid perception.]

They are so [objects which present themselves to direct, valid perception], Because they are working things.



[It doesn't necessarily follow.]

But it does necessarily follow, because the terms "object which presents itself to direct, valid perception" and "working thing" are synonyms. And the terms "object which presents itself to conceptual thought" and "unchanging thing" are also synonyms.

[Then I agree with your original statement: the two of matter and mind are something mental.]

Suppose you agree with our original statement, [that the two of matter and mind are something mental.]

Consider these same things.

It's not so, [that they are something mental],

Because they are active things which are neither mind nor matter.



[It doesn't necessarily follow.]

But it does necessarily follow, because these three—matter, mind, and active things which are neither mind nor matter—are always mutually exclusive.

นชิญสารา ผู้ญาญราพิสาสา รู้เพสสาพิสานพายุราฮิราสา

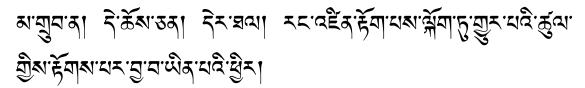
Suppose someone comes and makes the following claim:

If something belongs to hidden reality, it must always be an idealization.

Consider a pitcher made of gold. So is it then [an idealization]? Because it is [something that belongs to hidden reality].

[It doesn't necessarily follow.]

But you already agreed that it does follow.



[It's not correct to say that a pitcher made of gold belongs to hidden reality.]

Suppose you say that it's not correct [to say that a pitcher made of gold belongs to hidden reality].

Consider this same thing.

It is so [something which belongs to hidden reality],

Because it is something which can be perceived by a conceptual state of mind as something which is hidden.

<u> [5</u>4] ને ને તે આ તે તે જેને ખોત ખાવે છે ના

[It doesn't necessarily follow.]

But it does necessarily follow,

Because that is the definition of what it is [to be something which belongs to hidden reality].

મેંદર્રઅગ્નુવગ્ના રેજેઅઝના સ્ટર્વ્ટેનર્કેનાયઅજ્ઞેંનાદ્વગ્રુચ્ચર્યત્વે દ્વાગ્રીઅ ส์ภาพานราฏาราพิสานรายณา รราวยัสาส์ภานฉิายุคณาฏาพิสานฉิายุรา

[Your point above is not correct: it's not correct to say that a pitcher made of gold is something which can be perceived by a conceptual state of mind as something which is hidden.]

Suppose you say that our point above is not correct; [that is, that it's not correct to say that a pitcher made of gold is something which can be perceived by a conceptual state of mind as something which is hidden].

Consider this same thing. It is so something which can be perceived by a conceptual state of mind as something which is hidden,

Because it is something which can be apprehended by the particular conceptual state of mind which is grasping it.

# 

[It's not correct to say that a vase made of gold is something which can be apprehended by the particular conceptual state of mind which is grasping it.]

Suppose you say that it's not correct [to say that a vase made of gold is something which can be apprehended by the particular conceptual state of mind which is grasping it.]

Consider this same thing.

It is so [something which can be apprehended by the particular conceptual state of mind which is grasping it],

Because it is something which can be established as existing.

[Then I agree with your original statement: a pitcher made of gold is an idealization.]

Suppose you agree to our original statement, [that a pitcher made of gold is an idealization].

It isn't so, [that it is an idealization],

Because it exists in and of itself.

भःगुनन्ता ने केंश उना नेन त्रया नर्देश में भीन परे हीना

[It's not correct to say that a pitcher made of gold exists in and of itself.]

Suppose say that it's not correct [to say that a pitcher made of gold exists in and of itself.]

It does so [exist in and of itself], Because it is a working thing.

[It doesn't necessarily follow.]

But it does necessarily follow, because "working thing," "thing which exists in and of itself," and "thing which is ultimately real" are all different names for the same thing. And "unchanging thing," "idealization," and "thing which is deceptively real" are also all different names for the same thing.

Suppose someone comes and makes the following claim:

If something belongs to obvious reality, then it can never belong to hidden reality.

गानकेश्वरा देन्ज्या देवेधुना

Consider a pillar.

So is it then [something that could never belong to hidden reality]? Because it is [something which belongs to obvious reality].

#### Course XIII: The Art of Reasoning Reading Two

[It's not correct to say that a pillar is something which belongs to obvious reality.]

Suppose you say that it's not correct [to say that a pillar is something which belongs to obvious reality].

Consider this same thing.

It is so [something which belongs to obvious reality],

Because it's a thing which can be perceived directly by direct, valid perception.



[It doesn't necessarily follow.]

But it does necessarily follow, because "anything which can be perceived directly by direct, valid perception" is the definition of a thing which belongs to obvious reality.

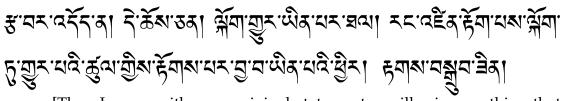
[Your point above is not correct: it's not correct to say that a pillar is a thing which can be perceived directly by direct, valid perception.]

Suppose you say that our point above is not correct; [suppose you say that a pillar is not a thing which can be perceived directly by direct, valid

perception].

Consider this same thing.

It is so [a thing which can be perceived directly by direct, valid perception], Because it is a working thing.



[Then I agree with your original statement: a pillar is something that could never belong to hidden reality.]

Suppose you agree with our original statement.

Consider this same thing.

It is so something which can belong to hidden reality,

Because it is something which can be perceived by a conceptual state of mind as something which is hidden.

The reason has already been proven.

Here is the second major part, where we present our own position.

There does exist a definition for "that which can be established as existing," Because "that which can be established by a valid perception" is the definition.

There do exist two different categories for "that which can be established as existing,"

Because there exist the categories of "unchanging things" and "working things."

There does exist a definition for "unchanging thing,"

Because "one object which is both a thing and which is not such that it only lasts for a moment" is the definition of an "unchanging thing."

Things which are unchanging can be divided into two different types: unchanging things which can be, and unchanging things which cannot be.

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There does exist something which is an unchanging thing that can be, Because "knowable things" is it.

There does exist something which is an unchanging thing that cannot be, Because "the two of unchanging things and changing things" is it.

# 

There does exist a definition of "working thing," Because "anything which performs a function" is the definition.



There exist three different kinds of working things, for there are the three of matter, mind, and active things which are neither matter nor mind.

# नेसामेंदे सर्व केन केन केन हा द्वार जुन मरे ने के संदे ही न

There does exist a definition for "matter," Because "something made of tiny physical particles" is the definition.

There are two different kinds of matter, for there are the two of outer physical matter and inner physical matter.

There does exist a definition for "outer physical matter," for "something which is made of tiny physical particles, but which is not subsumed by the awareness of a being" is the definition.

There do exist classical examples of outer physical matter, for a water pitcher, a pillar, and the four elements of earth, water, fire, and wind are just such examples.

There does exist a definition for "inner physical matter," for "something which is made of tiny physical particles, and which is subsumed by the awareness of a being" is the definition.

There does exist a classical example of inner physical matter, for the impure heap of physical form is just such an example.

# 

There does exist a definition for "something mental," because "anything which is both invisible and aware" is the definition.

# พธสาสติาพ์ราริเ มิสาเศิญาริาริาพิสานฉิายุรา

There does exist a classical example of something mental, because visual consciousness is just such an example.

There does exist a definition for an "active thing which is neither matter nor mind," because "any produced thing which is neither matter nor mind" is the definition.

There do exist classical examples of active things which are neither matter nor mind, because "working thing" and "changing thing" and persons such as horses or cattle are just such examples.

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There does exist another way of dividing up those things which can be established as existing, because they can be divided into two, and these are the two of being either one thing or separate things.

# য়৾৾য়য়য়৾য়য়য়য়ড়৾৾ৼ৽ড়৾৾ঀ৾৾য়৾৾য়৾য়৾য়য়ড়য়য়য়য়৾য়য়৾য়য়য়য়য়য়য়য়

There does exist a definition of "being one thing," because "being a thing which is not individual things" is the definition.

# मर्कतग्गविर्ण्यननी वेषान्तु। ह्याया नर्देषायें इस्रयाने में कराने जित्रायते सुना

There do exist classical examples of being one, because there are the examples of "all knowable things," "all unchanging things," and "all working things"—each considered as a separate unit.

# 

There does exist a definition for "being separate things," because "being individual things" is the definition.

There do exist classical examples of things that are separate things, because there are "the two of unchanging things and changing things," and "the two of definitions and the things they define," and "the two of a pillar and a water pitcher," and "the two of a pitcher made of gold, and a pitcher made of brass."

There does exist another way of dividing up knowable things, because they can be divided into two, and these are the two of things which exist in and of themselves, and conceptualizations.

There does exist a definition for a "thing which exists in and of itself," because a "thing which exists of its own accord, and which is not just something made up with a name or an idea" is the definition.

There does exist a definition for a "conceptualization," because "anything which is just something that is made up with a name or an idea, and which has no existence in and of itself" is the definition of a conceptualization.

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Just so, the definition of a "thing which is ultimately real" is "anything which is, ultimately, able to perform a function."

# 

The definition of a "thing which is deceptively real" is "any thing which is, ultimately, unable to perform a function."

Here is the third major part, where we disprove any rebuttal.

Suppose someone comes and claims,

#### Course XIII: The Art of Reasoning Reading Two

It isn't so, that "anything which can be an object of the mind" is the definition of a "knowable thing,"

Because "anything which can be the object of a mind that can be" is not the definition of a "knowable thing that can be."

But it doesn't necessarily follow,

- Because if something can be established as existing, it is always both (1) something which can be the object of a mind that can be; and (2) something which can be the object of a mind that cannot be.
- And this is true because anything which can be established as existing is always something which can be apprehended by both that omniscience which is, and by that omniscience which is not.

Suppose another person comes, and makes another claim:

It is so, that there exists one object which is both changing and unchanging,

Because sound is both changing and unchanging.



[It's not correct to say that sounds are both changing and unchanging.]

It is so, [that sounds are both changing and unchanging], Because what you call "sound" is something which is both (1) changing and (2) unchanging. At this point you should use the following answer: "Your combined reason is not correct."

Someone may come and make the following claim:

Consider empty space—space which is unproduced. So does it then belong to ultimate reality? Because it can be established as existing to the state of mind of direct,

valid perception.

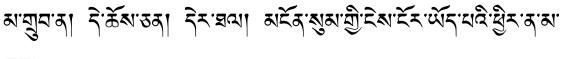
[It's not correct to say that it can be established as existing to the state of mind of direct, valid perception.]

Suppose you say that it's not correct [to say that it can be established as existing to the state of mind of direct, valid perception].

Consider this same thing.

It can so [be established as existing to the state of mind of direct, valid perception],

Because it exists to the state of mind of direct, valid perception.



#### 57

[It's not correct to say that empty space exists to the state of mind of direct, valid perception.]

Suppose you say that it's not correct [to say that empty space exists to the state of mind of direct, valid perception.]

Consider this same thing.

It does so [exist to the state of mind of direct, valid perception], Because it exists to the ascertainment of direct, valid perception.

ह्रमार्श्व मुनः ह्री सर्देत खुस ग्रीमालयानु भीताय दे भुनः ही इस समित ग्रीमालयानु

พื่ส यरे भूम।

[It's not correct to say that empty space exists to the ascertainment of direct, valid perception.]

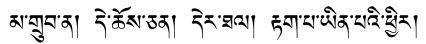
It is correct [to say that it exists to the ascertainment of direct, valid perception],

Because it's something that is apprehended by direct, valid perception; And this is true because it is something apprehended by omniscience.



And suppose you say that our point above is correct. Consider this same thing.

It isn't so, that empty space belongs to ultimate reality, Because it belongs to deceptive reality.



[It's not correct to say that empty space belongs to deceptive reality.]

Suppose you say that it's not correct [to say that empty space belongs to deceptive reality.]

It is so [something that belongs to deceptive reality], Because it is unchanging.

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Formal logic subject: The subject, the quality to be proven, and the quality denied in a logical statement

गिर्धेश्वयान्त्रिंग्याय्यवन्त्रयाया ह्याश्वाय्वयान्यवन्त्रया नेवैःर्थ्वयार्थ्वयाश्वयाश्वयाः स्रतःश्चदाय्यवन्त्रयायाध्यया ह्याश्वय्ययायाः स्वाश्वय्यदान्यायाः स्विश्वय्याविः नृत्ता श्रव्य हेन्। नृत्तुः यायवन्त्रयान्द्रयाश्चया Here is the second part, which is an explanation of the different kinds of reasons. Here there are two divisions: an explanation of correct reasons, and an explanation of the opposite; that is, incorrect reasons. The first comes in three steps of its own—explanations of the pivotal objects for a correct reason; of the definition of a correct reason; and of the different types of correct reasons.

The first of these has two further sections: an explanation of the subject (the basis of the opponent's doubt)—which is the pivotal object in the relationship between the subject and the reason; and an explanation of the pivotal object in the necessary relationships between the quality to be proven and the reason—that is, the groups of similar cases and dissimilar cases.

We will present the first of these in three parts: the definition of the subject, a classical example of a subject, and then—as an incidental point—identifying the quality to be proven.

Here is the first. The following is the definition of a "flawless subject in a proof where being made is used as a reason to prove that sounds are changing things":

It must exist as one object which combines both of the following qualities:

It must first of all be something which is considered the basis of contention in a proof where being made is used as a reason to prove that sounds are changing things.

There must also be possible a person who, once they have ascertained that it is something which is made, still entertains doubts about whether it is unchanging or not.

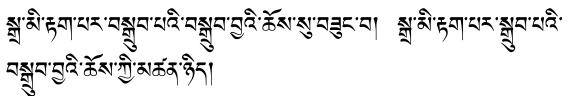
# गकेश्राय्यस्र मित्रिमे झुरीरे भेषा रे प्रदर्वे पेश्व रे रे से स्वर्त्त से स्वर्त्त से स्वर्त्त स्वर् स्वर्त्त स्वर्त्त स्वर्त्त स्वर्त्त स्वर्त्त स्वर् स्वर्त्त स्वर्य्त स्वर्त्त स्वर्त्त स्वर्त्त स्वर्त्त स्वर्त्त स्वर्य्त स्वर्त्त स्वर्त्त स्वर्त्त स्वर्त्त स्वर्या स

Here secondly is the classical example; and this "sounds." Anything which is this particular subject in a logical statement is necessarily one and the same as sounds themselves.

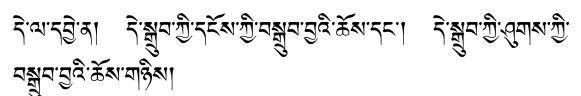


The third part here will have two parts of its own: identifying the quality to be proven, and the definition of the quality to be proven.

If something lacks a self-nature, then it can always be the quality to be proven. This is because—if something lacks a self-nature—it can always be the quality to be proven in a logical statement where you are trying to prove that sounds are it. Therefore we can say that, if something is a quality to be proven, it need not be an existing thing.



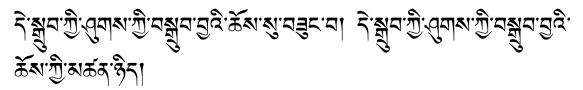
Here is the definition of a quality to be proven in a logical proof that sounds are changing things: "Anything which can be considered the quality to be proven in a logical proof that sounds are changing things."



Qualities to be proven can be divided into two separate types: qualities to be proven which are explicit, and qualities to be proven which are implicit.



Here are their respective definitions. "Anything which can be considered the explicit quality to be proven in a logical statement" is the definition of an "explicit quality to be proven in any particular logical statement."



"Anything which can be considered the implicit quality to be proven in a logical statement" is the definition of an "implicit quality to be proven in any particular logical statement."

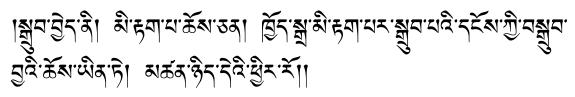
Classical examples for these two, respectively, would be the following. An example of the first would be "a changing thing." An example of the second would be "the opposite of all that is not a changing thing."

You could also say that both "a changing thing" and "something that lasts only a moment" are, each of them, explicit qualities to be proven in a logical proof where being made is used as a reason to make the proof. The two opposites—of all that each one of them is not—would then each be an example of implicit qualities to be proven.

Let's consider now a case where we put forth the following logical statement:

Consider sounds. They are changing things, Because they are something which is made.

The basis of contention in this statement [—that is, the subject of the proof—] is "sounds." The quality to be proven is being a changing thing. The assertion, the idea to be proven, is that sounds are changing things. The reason is being something which is made. The quality being denied is being an unchanging thing. The idea being denied is that sounds are unchanging. You can apply this same pattern to every other logical statement.



Here are logical statements to prove what we've said:

Consider "being a changing thing."

It is the explicit quality to be proven in a proof that sounds are changing things,

Because it fits the definition given above.

#### Course XIII: The Art of Reasoning Reading Two

Consider "being a thing that only lasts a moment."It is not an explicit quality to be proven in a [certain] proof that sounds are changing things,Because [in a certain proof] that sounds are unchanging things it provides the reason in the proof.

\*\*\*\*\*

#### The forms of debate: **Posture, the use of a rosary,** and formulating the statement of a reason in three parts

In our second lesson we will cover the classical posture for debating, how to use a rosary during a debate, and how to formulate a classical logical statement during a debate.

The person defending in a debate sits down and faces the challenger, who stands. The defender normally maintains a fairly mild appearance (until the debate gets hot), gesturing slightly with his hands, and answering quickly and concisely to points raised by the challenger.

The challenger, on the other hand, uses extensive body language to throw his opponent off. After the initial challenge, he stands sideways to his opponent, with his left foot forward. Each new assertion is accompanied by a stamp of the left foot, and a clap of the right hand on top of the left, where the rosary is strung around the arm. From time to time, the rosary is stretched back with the right hand as if aiming an arrow from a bow. This is an ancient debating custom, and in pictures of Master Dignaga or Master Dharmakirti we can still see the same gesture.

The rosary, as noted earlier, is also used in the selection of the initial challenger and defender. It is also an important tool for counting out lists of things, which are so popular in Buddhism: the two realities, the three Jewels, the four arya truths, the five paths, the six realms. . .and so on. During the course of a debate, the challenger and defender will often count out a list together on their rosaries, to make sure both are in synch on the point. Very occasionally a debater will swing a rosary to make a point, although it is rare and unaccepted to actually strike the other party—it would be more common to strike your own thigh or palm to get a nice "thwock"!

Positioning in front of the opponent says a lot. When an opponent makes a very serious mistake or uses circular reasoning, you might swirl around in a spin and come down with a clap. If an opponent takes too long to answer a

question or remember a quotation, you might turn your back and walk away a few strides, to feign disgust with his lack of preparation. Sometimes you might make rhetorical comments to the audience on both sides—"Where did he get that statement from? Sounds like a quotation from an autocommentary to a root text that was never written!"—and throw out your arms with your palms up, like "Who could ever debate with such a dummy!"

Sometimes you would get a bunch of your classmates up beside you to scream the same syllogism a few times in unison, with exactly the same claps and stamps: it looks like a chorus line or cheerleaders yelling Buddhist logic. Again, the whole point is that everyone learn to think quickly and clearly under pressure, which will help us all spread the teachings. The debates in Tibetan monasteries are refreshingly free of any of the American competitive attitude, and everybody is just excited about learning. In 15 years of debating in Tibetan monasteries, the American monk writing this account has never once been treated with any trace of disrespect or prejudice.

The classical presentation of a proposition in debate, after the initial challenge, has three parts, following the rules of formal logic established even a early as Lord Buddha himself. We first choose a subject, the thing we are going to debate about. One example would be "human beings." Then we choose a quality about them that we wish to prove to our opponent; for example, that they "have to die." Finally we choose a reason—which in Buddhist logic more often refers to the main thing mentioned in the reason as it is expressed—such as "being born." The entire proposition presented to the opponent then will look like this:

#### ম'র্কম'ডব্য

Consider human beings.

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They do have to die,

भुरायदे धुरा

Because they are born.

The defender listens to this proposition carefully, and then quickly prepares his answer in his mind. The very specific rules for answering will be covered in the reading for the next class.

#### The Asian Classics Institute Course XIII: The Art of Reasoning

#### **Reading Three: Quality and Characteristic**

#### Selection from the collected topics: Quality and Characteristic

The selection here is from the monastic textbook entitled An Explanation of the Science of Logic, included in the Advanced Path of Reasoning, a Section from the "Key to the Logic Machine," a Presentation of the Collected Topics which Clarifies the Meaning of the Great Scriptures on Valid Perception (Tsad-ma'i gzhung-don 'byed-pa'i bsdus-grva'i rnam-par bshad-pa rigs-lam 'phrul gyi lde'u-mig las rigs-lam che-ba rtags-rigs kyi skor). The text was written by Purbuchok Jampa Tsultrim Gyatso (1825-1901), who in his day held the position of Tutor to the Dalai Lama.

Please note that indented statements are those made by the opponent. Responses within brackets are those that are usually left unwritten in the Tibetan text, and are understood to be there because of the context following each.

Here is the sixth section: a presentation of quality and characteristic. For this presentation we will first refute the position of our opponents, then present our own position, and then finally eliminate their rebuttal.

Suppose someone comes and makes the following claim:

Nothing which is a general category (in the sense of being a quality) can ever be a specific member of a category (in the sense of being characteristic of a quality).



Consider "working thing."

So is it never then characteristic of a quality? Because it is a quality.

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

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[It's not correct to say that "working thing" is a quality.]

Consider "working thing."

It is so a quality,

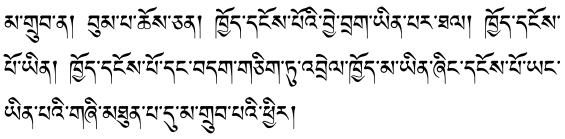
Because it has things which are characteristic of itself.



[It's not correct to say that "working thing" has things which are characteristic of itself.]

Consider "working thing."

It does so have things which are characteristic of itself, Because a water pitcher is one.



[It's not correct to say that a water pitcher is characteristic of "working thing."]

Suppose you say that it's not correct [to say that a water pitcher is characteristic of "working thing"].

Consider a water pitcher.

It is so characteristic of "working thing,"

Because (1) it is a working thing; (2) it shares a relationship with "working thing" such that to be it is to automatically be a working thing; and (3) there exist multiple other objects which are both not it, but still a working thing.

[The second part of the reason you gave is not correct.]

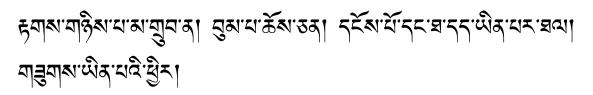
Suppose you say that the second part of the reason we gave is not correct. Consider a water pitcher.

- It is so true, that it shares a relationship with "working thing" such that to be it is to automatically be a working thing,
- Because (1) to be it is to automatically be a working thing; (2) it is something distinct from "working thing"; and (3) if there were no working things it could not never exist either.

[The first part of the last reason you gave is not correct.]

Suppose you say that the first part of the last reason we gave is not correct. Consider a water pitcher.

It is so, that to be a water pitcher is to automatically be a working thing, Because to be a water pitcher is by nature to be a working thing.

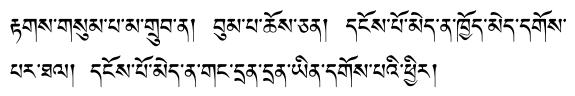


#### Course XIII: The Art of Reasoning Reading Three

[The second part of the reason you gave is not correct.]

Suppose you say that the second part of the reason we gave is not correct. Consider a water pitcher.

It is so something distinct from "working thing," Because it is something physical.



[The third part of the reason you gave is not correct.]

Suppose you say that the third part of the reason we gave is not correct. Consider a water pitcher.

It is so the case, that if there were no working things it could not never exist either,

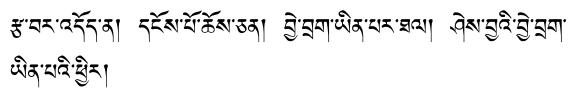
Because if there were no working things, then you could make up anything at all.

[The third part of your original reason is not correct.]

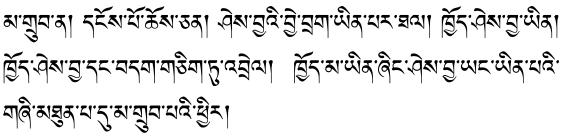
Suppose you say that the third part of our original reason is not correct. Consider a water pitcher.

There do so exist multiple other objects which are both not it, but still a working thing,

Because a pillar of sandalwood is one, and a pillar of juniper is also one.



[Then I agree to your original statement: "working thing" is never characteristic of a quality.] Consider "working thing." It is so characteristic of a quality, Because it is characteristic of "knowable things."



[Your reason is not correct.]

Suppose you say that it is not correct [to say that "working thing" is characteristic of "knowable things"].

Consider "working thing."

It is so characteristic of "knowable things,"

Because (1) a working thing is a knowable thing; (2) it shares a relationship with "knowable things" such that to be it is to automatically be a knowable thing; and (3) there exist multiple objects which are both not a working thing, but still knowable thing.

Suppose someone comes and makes the following claim:

If something is a quality of which "working thing" is characteristic, then it is always a quality of which "able to perform a function" is characteristic.

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Consider "thing to be defined."

So is it then a quality of which "able to perform a function" is characteristic? Because it is a quality of which "working thing" is characteristic.

[It doesn't necessarily follow.]

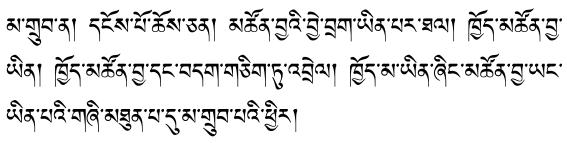
But you already agreed that it does necessarily follow.



[It's not correct to say that "thing to be defined" is a quality of which "working thing" is characteristic.]

Consider "thing to be defined."

It is so a quality of which "working thing" is characteristic, Because "working thing" is characteristic of it.



[It's not correct to say that "working thing" is characteristic of "thing to be defined."]

Suppose you say that it's not correct [to say that "working thing" is characteristic of "thing to be defined"].

Consider "working thing."

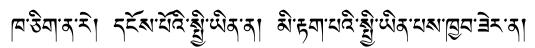
It is so characteristic of "thing to be defined,"

Because (1) it is a thing to be defined; (2) it shares a relationship with "thing to be defined" such that to be it is to automatically be a thing to be defined; and (3) there do exist multiple other objects which are both not it and yet are still things to be defined.

[Then I agree with your original statement: "thing to be defined" is a quality of which "able to perform a function" is characteristic.]

- Suppose you agree with our original statement, [saying that "thing to be defined" is a quality of which "able to perform a function" is characteristic].
- It is not so, that "thing to be defined" is a quality of which "able to perform a function" is characteristic,

Because it ["able to perform a function'] is the definition of a working thing.



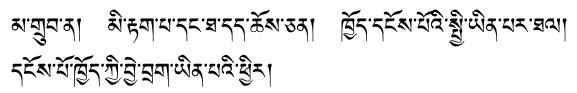
Suppose someone comes and makes the following claim:

Anything which is a quality of which "working thing" is characteristic must also be a quality of which "changing thing" is characteristic.

Consider "distinct from 'changing thing'." So is it then a quality of which "changing thing" is characteristic? Because it is a quality of which "working thing" is characteristic.

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



Suppose you say that it's incorrect to say [that "distinct from 'changing thing'" is a quality of which "working thing" is characteristic].

Consider "distinct from 'changing thing'."

It is so a quality of which "working thing" is characteristic, Because "working thing" is characteristic of it.

[Then I agree with your original statement: "distinct from 'changing thing' " is a quality of which "changing thing" is characteristic.]

Suppose you agree to our original statement, [saying that "distinct from 'changing thing'" is a quality of which "changing thing" is characteristic].

It's not so, that "distinct from 'changing thing' " is a quality of which "changing thing" is characteristic,

Because "changing thing" is not characteristic of it.



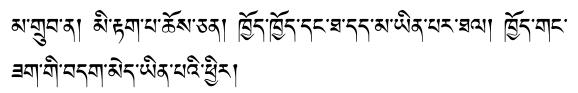
[It's not correct to say that "changing thing" is not characteristic of "distinct from 'changing thing'."]

Suppose you say that it's not correct [to say that "changing thing" is not characteristic of "distinct from 'changing thing' "].

Consider "changing thing."

It is so [not correct to say that it is characteristic of the quality of "distinct from 'changing thing',"]

Because it is not distinct from "changing thing."



[It's not correct to say that "changing thing" is not distinct from "changing thing."]

Suppose you say it's not correct [to say that "changing thing" is not distinct from "changing thing"].

It is so true, that it is not distinct from itself,

Because it is an example of something where the person has no nature of its own.

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Suppose someone comes and makes the following claim:

There exists no one thing which is both (1) a quality of a quality of which something is characteristic, and also (2) characteristic of something which is characteristic of a certain quality.

नेः ऑनःयमः त्रयाः सयाःयः नेः नेः ध्येमा

Isn't it though so, that there is such a thing? Because "unchanging thing" is just such a thing.

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[It's not correct to say that "unchanging thing" is one thing which is both (1) a quality of a quality of which something is characteristic, and also (2) characteristic of something which is characteristic of a certain quality.]

Consider "unchanging thing."

It is so one thing which is both (1) a quality of a quality of which something is characteristic, and also (2) characteristic of something which is characteristic of a certain quality,

Because it is a quality of which "quality" is characteristic, and it is characteristic of the quality of "characteristic."

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[The first part of your reason is not correct: it's not correct to say that "unchanging thing" is a quality of which "quality" is characteristic.]

Consider "unchanging thing." It is so a quality of which "quality" is characteristic, Because "quality" is something which is characteristic of it.

ક્રમાશ્ર માછેશ્વ મારાયાયુવાયાં ક્રમાયાર્કેશ્વા કેલ્વાયાયો કેલ્વાયાયે કેલ્વાયાયે કેલ્વાયાયે કેલ્વાયાયે કેલ્વાયાયે કેલ્વાયાયે કેલ્વાયાય કેલ્વાયાય કેલ્વાયાય કેલ્વાય કેલ્વાયાય કેલ્વાયાય કેલ્વાય કે કેલ્વાય કેલ્વાય કેલ્વાય કેલ્વાય કેલ્વાય કેલ્વાય કેલ્વાય કેલાય કેલ્વાય કેલેલ્વાય કેલ્વાય કે કેલ્વાય કે કેલ્વાય કેલાય કેલ્વાય કેલાય કેલાય કેલાય કેલ્વાય કેલાય કેલાય કેલાય કેલ્વાય કેલે કેલ્વાય કેલાય કે કેલ્વાય કેલાય કેલાય કેલ્વાય કેલે કેલ્વાય કે સાય કેલાય કેલ્વાય કેલ્વાય કેલ્વાય કેલાય કેલાય કેલાય કેલ્વાય કેલાય કેલાય કેલાય કેલાય કેલાય કેલાય કેલાય કેલાય કેલા કેલાય કેલાય કેલાય કેલાય કેલાય કેલાય કેલાય કેલાય કે

- [The second part of your reason is not correct: it's not correct to say that "unchanging thing" is characteristic of the quality of "characteristic."]
- Suppose you disagree to the second part of our reason, [saying that it's not correct to say that "unchanging thing" is characteristic of the quality of "characteristic"].

Consider "unchanging thing."

It is so characteristic of the quality of "characteristic,"

Because (1) it is characteristic of a quality; (2) it has a relationship with "characteristic" such that to be it is to automatically be characteristic of a quality; and (3) there exist multiple things which are both not it, but still characteristic of a quality.

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Someone may come and make the following claim:

Nothing which is a quality of which "unchanging thing" is characteristic can ever be characteristic of the quality "unchanging thing."

# हु केंग उना देर ख्या देरे हुरा

Consider "quality."

So is it then never characteristic of the quality "unchanging thing"? Because it is a quality of which "unchanging thing" is characteristic.

## रेर.बजा हमायाहिन्यी ही ज्ञा भेराय दे ही रा

[It's incorrect to say that "quality" is a quality of which "unchanging thing" is characteristic.]

It is so a quality of which "unchanging thing" is characteristic, Because "unchanging thing" is characteristic of the quality "quality."

## नेरात्रया ह्यायाञ्चे भ्यायाञ्चे न्द्रायाञ्चे न्द्रयायायाय्वेया हुव्द्रिया ह्यायायाय्वेय

[It's incorrect to say that "unchanging thing" is characteristic of the quality "quality."]

It is so characteristic of the quality "quality,"

Because (1) "unchanging thing" is a quality; (2) "unchanging thing" has a relationship with "quality" such that to be "unchanging thing" is to automatically be a quality; and (3) there exist multiple things which are both not an unchanging thing, but still a quality.

[Then I agree with your original statement: "quality" is never characteristic of the quality "unchanging thing."]

Suppose you agree with our original statement, [saying that "quality" is never characteristic of the quality "unchanging thing"].

Consider "quality."

It is so characteristic of the quality "unchanging thing,"

Because (1) it is an unchanging thing; (2) it has a relationship with "unchanging thing" such that to be "quality" is to automatically be an unchanging thing; and (3) there exist multiple things which are both not "quality," but still an unchanging thing.

Suppose someone comes and makes the following claim:

It's not necessarily the case that anything which is a quality of which "changing thing" is characteristic can never be characteristic of the quality "changing thing."

But this is incorrect,

Because there exists nothing which is both a quality of which "changing thing" is characteristic and which is also characteristic of the quality "changing thing."

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[It's not correct to say that there exists nothing which is both a quality of which "changing thing" is characteristic and also characteristic of the quality "changing thing."]

- It is so [correct to say that there exists nothing which is both a quality of which "changing thing" is characteristic and which is also characteristic of the quality "changing thing"],
- Because there exists neither an unchanging version nor a changing version [of something which is both a quality of which "changing thing" is characteristic and which is also characteristic of the quality "changing thing"].

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[It's not correct to say that there exists no unchanging version.]

- The first point in the reason is so [that is, it is correct to say that there exists no unchanging version of something which both a quality of which "changing thing" is characteristic and which is also characteristic of the quality "changing thing"],
- Because something which is an unchanging thing can never be characteristic of the quality "working thing";

Which is to say, if something is unchanging, it can never be a working thing.



[It's not correct to say there exists no changing version.]

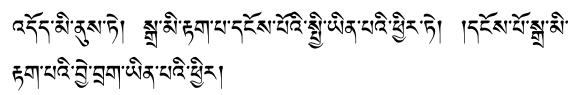
- The second point in our reason is so [—that is, it is correct to say that there exists no changing version of something which both a quality of which "changing thing" is characteristic and which is also characteristic of the quality "changing thing"],
- Because if there existed a changing thing that could be a quality of which "changing thing" is characteristic, then you could make up anything at all.

Suppose someone comes and makes the following claim regarding our statement that, if something is a working thing, it can never be a quality of which "working thing" is characteristic:

Consider the fact that sound is a changing thing.

Is it then [not a quality of which "working thing" is characteristic]? Because it is a working thing.

Our definitive answer would be to say, "It's not correct [to say that this fact is a working thing"].

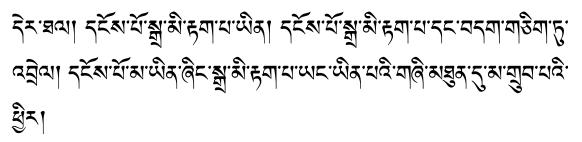


[Then I agree with the original statement: the fact that sound is a changing thing is not a quality of which "working thing" is characteristic.]

But you cannot agree to the original statement,

Because the fact that sound is a changing thing is a quality of which "working things" is characteristic,

Because working things are characteristic of the fact that sound is a changing thing.



[It's not correct to say that working things are characteristic of the fact that sound is a changing thing.]

- It is so [correct to say that working things are characteristic of the fact that sound is a changing thing],
- Because (1) working things are "sound is a changing thing"; (2) working things are related to "sound is a changing thing" in such a way that to be a working thing is to automatically be "sound is a changing thing"; and (3) there exist multiple other things which are both not a working thing and yet still "sound is a changing thing."

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- [The final part of your reason is not correct; that is, it is not correct to say that there exist multiple other things which are both not a working thing and yet still "sound is a changing thing."]
- The final part of our reason is so true; [that is, it is correct to say that there exist multiple other things which are both not a working thing and yet are still "sound is a changing thing"],

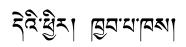
Because "existing things" are one, and "unchanging things" are one as well.

# नेरावणा वनवासेन भेषा झुंसे हवायणे क्यसाम्विय परिष्ट्रीया

- [It's wrong to say that "existing things" and "unchanging things" are things which are both not a working thing and yet are still "sound is a changing thing."]
- It is so [correct, to say that "existing things" and "unchanging things" are things which are both not a working thing and yet are still "sound is a changing thing"],
- Because anything which has no self-nature is always "sound is a changing thing."

Suppose someone comes and makes the following claim:

Anything which is characteristic of the quality "mental object" is also always characteristic of the quality "working thing."

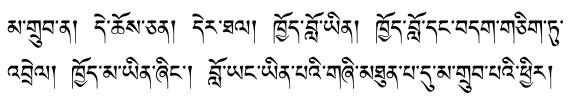


Consider the two of valid perception and reflection that act as a cause for a working thing.

So are they then [characteristic of the quality "working thing"]? Because they are [characteristic of the quality "mental object"].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[It's incorrect to say that the two of valid perception and reflection that act as a cause for a working thing are characteristic of the quality "mental object."]

Suppose you say that it's incorrect [to say that the two of valid perception and reflection that act as a cause for a working thing are characteristic of the quality "mental object"].

They are so [characteristic of the quality "mental object"],

Because (1) the two of them are mental objects; (2) they share a relationship with "mental object" such that to be the two of them is to automatically be the mental object; and (3) there exist multiple things which are not the two of them but are still mental objects.

- The first and second parts of our reason are easy to accept; suppose you say that the third is not correct; [which is to say, there do not exist multiple things which are both not the two of valid perception and reflection, but which are still mental objects].
- It is so true, that there exist multiple things which are both [not the two of valid perception and reflection, but which are still mental objects],
- Because omniscience is just such a thing, and valid perception is just such a thing—the two do exist as separate things.

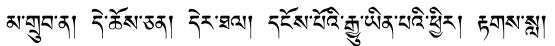
[Then I agree with your original statement: the two are characteristic of the quality "working thing."]

Suppose you agree with our original statement.

Consider these same two.

They are not so—they are not characteristic of the quality "working thing," Because they cannot share a relationship with "working thing" such that to be

them is to automatically be the working thing.



[It's not correct to say that they cannot share a relationship with "working thing" such that to be them is to automatically be the working thing.]

Suppose you say that it's not correct [to say that they cannot share a relationship with "working thing" such that to be them is to automatically be the working thing].

Consider these same two.

It is so correct [to say that they cannot share a relationship with "working thing" such that to be them is to automatically be the working thing],

Because they are the cause of the working thing.

Our reason is easy to accept.

Here secondly is the part where we present our own position. There does exist a definition of "something general," because "any existing thing which subsumes its members" is the definition.

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Nominally speaking, things that are "general" may be divided into three different types: general things as far as types, general things as far as objects, and general things as far as collections of parts.

There does exist a definition of a "general thing as far as types" (or "quality"), because "that existing thing which subsumes the multiple things which are of its type" is the definition.

A classical example of a "general thing as far as types" (or "quality") does exist, because "knowable things" is one.

There does exist a definition of a "general thing as far as objects" (or "actual mental image") relating to a water pitcher, because it is the following: "That element which is imputed to be the water pitcher, but which is not: that thing which appears to be the water pitcher to the conceptual state of mind which is perceiving a water pitcher, but which is however not the water pitcher."

A classical example of a "general thing as far as objects" (or "actual mental image") does exist, because "the appearance, to the second instant of a conceptual state of mind which is perceiving a water pitcher, of the opposite of all that is not the water pitcher of the second instant" is just this kind of example.

There does exist a definition of a "general thing as far as a collection of parts," because it is the following: "A gross physical object which is composed of its multiple parts."

Classical examples of a "general thing as far as a collection of parts" do exist, because a water pitcher or a pillar would each be one.

There does exist one thing which is both a "general as far as a collection of parts" and a "general as far as types" (or "quality), because the water pitcher would be one.

There does exist one thing which is both not a "general as far as a collection of parts" and yet still a "general as far as types" (or "quality"), because "knowable things" would be one.

There does exist one thing which is both not a "general as far as types" (or "quality") and yet still a "general as far as a collection of parts," because the two of a pillar and a pitcher would be one.

There does exist one thing which is neither a "general as far as types" ("quality") nor a "general as far as a collection of parts," because the two of "changing things" and "unchanging things" would be one.

There does exist a definition of a "member" (or "something characteristic of a particular quality"), because "an existing object which is an example of a particular type which subsumes it" is this very definition.

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Here finally is the third part, eliminating any rebuttal concerning our position.

Suppose someone comes and makes the following claim:

Consider the two of a pillar and a water pitcher. They are so something general, Because they are generals in the sense of a collection of parts.

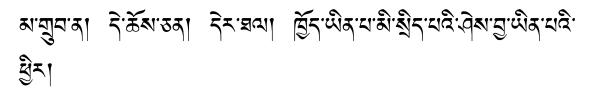
To this we answer, "It is not necessarily the case."

The reason though is correct, because they are units composed of molecules containing the eight substances, [which are: the four elements of earth, water, fire, and wind; and the four objects of visual form, smells, tastes, and touches].

[Then I agree to your statement: I agree that the two of a pillar and a water pitcher are something general.]

Suppose you agree to our statement, [and agree that the two of a pillar and a water pitcher are something general].

It is not so, that they are something general, a general quality, Because there is nothing which is characteristic of them.



[It's not correct to say that there is nothing which is characteristic of a pillar and a water pitcher.]

Suppose you say that it's not correct [to say that there is nothing which is characteristic of a pillar and a water pitcher].

Consider these same things.

It is so true, [that there is nothing which is characteristic of a pillar and a water pitcher],

Because they are a knowable object which is not.

Suppose someone comes and makes the following claim:

Isn't it so, that "knowable objects" itself is not a quality? Because isn't it not a quality of which that thing which is "knowable objects" is characteristic?

Our answer is: "It doesn't necessarily follow."

[It's not correct to say that "knowable objects" is not a quality of which that thing which is "knowable objects" is characteristic.]

Suppose you say that it's not correct [to say that "knowable objects" is not a quality of which that thing which is "knowable objects" is characteristic].

- It is so true, that it is not a quality of which that thing which is "knowable objects" is characteristic,
- Because there exists no quality of which that thing which is "knowable objects" is characteristic.

- [It's not correct to say that there is no quality of which that thing which is "knowable objects" is characteristic.]
- Suppose you say that it's not correct [to say that there is no quality of which that thing which is "knowable objects" is characteristic].
- It is so [correct to say that there is no quality of which that thing which is "knowable objects" is characteristic],
- Because (1) there exists no quality of which "knowable objects" is characteristic, and (2) "knowable objects" and "that thing which is knowable objects" are synonyms.

[Then I agree to the statement above: "knowable objects" itself is not a quality.]

Suppose you agree to the statement above, [and say that "knowable objects" itself is not a quality].

Consider "knowable objects."

It is so a quality,

Because it is an existing thing which subsumes its members.

[It's not correct to say that "knowable objects" is an existing thing which subsumes its members.]

Suppose you say that it's not correct [to say that "knowable objects" is an existing thing which subsumes its members.]

Consider this same thing.

It is so [an existing thing which subsumes its members],

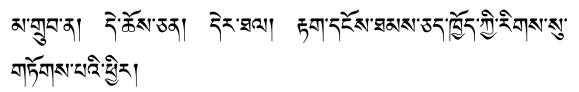
Because it is an existing thing which subsumes the multiple members which are of its type.

- [It's not correct to say that "knowable objects" is an existing thing which subsumes the multiple members which are of its type.]
- Suppose you say that it's not correct [to say that "knowable objects" is an existing thing which subsumes the multiple members which are of its type.]

Consider this same thing.

It is so [an existing thing which subsumes the multiple members which are of its type],

Because it subsumes the multiple members which are of its type.



[It's not correct to say that "knowable objects" subsumes the multiple members which are of its type.]

Consider this same thing.

It is so true, [that it subsumes the multiple members which are of its type], Because all objects, whether they are unchanging things or working things, are of its type.

Suppose someone returns and makes the following claim:

Is it then so, that "knowable things" is a quality of which "not being" is characteristic? Because "not being" is characteristic of the quality "knowable things."

Our answer is: "It's not necessarily the case."

- [Then I agree to the statement: It is so, that "knowable things" is a quality of which "not being" is characteristic.]
- Suppose you agree to the statement, [and say that "knowable things" is a quality of which "not being" is characteristic].
- It is not so, that "knowable things" is a quality of which "not being" is characteristic,
- Because if something were a quality of which something that was not a knowable thing were characteristic, then you could always make up anything at all.

Suppose again that someone makes the following claim:

It is so that there exists something which is characteristic of something which is not characteristic of something,

Because it is true that there exists something which is a quality of something which is not a quality.

Our answer is, "It doesn't necessarily follow."

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It is correct by the way to say that there does exist something which is a quality of something which is not a quality,

Because "knowable things" is something which is a quality of something which is not a quality.

[It's not correct to say that "knowable things" is something which is a quality of something which is not a quality.]

Suppose you say that it's not correct [to say that "knowable things" is something which is a quality of something which is not a quality].

Consider "knowable things."

It is so a quality of something which is not a quality, Because "something which is not a quality" is characteristic of it.

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Suppose again that someone comes and makes the following claim:

Consider "knowable things."

It isn't so, that it is a quality of that which is not a quality, Because it is a quality of that which is "quality."

Our answer is, "It doesn't necessarily follow."

## हन्मरुः ज्ञुनः ह्वे। ह्युः भेवन्यहिं न् ग्रुः द्वे न् न्युः भेवन्यतेः सुन्।

It is true though to say that "knowable things" is a quality of that which is "quality," because "quality" is characteristic of it.

Suppose someone comes again and makes the following claim:

Isn't it so, that "unchanging things" is not characteristic of "sound is a changing thing"?Because isn't it true, that "working things" is characteristic of "sound is a changing thing"?

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It is so true, that "unchanging things" is characteristic of "sound is a changing thing,"

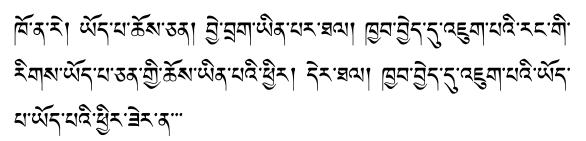
Because "sound is a changing thing" is an existing thing which subsumes its member "unchanging things."

[It's incorrect to say that "sound is a changing thing" is an existing thing which subsumes its member "unchanging things."]

It is so true [that "sound is a changing thing" is an existing thing which subsumes its member "unchanging things"],

Because it does have a member called "unchanging things."

And this is true because both "unchanging things" and "working things" are members that it has.



Suppose someone comes and makes the following claim:

Consider "existing things." So it must then be characteristic of something, Because it is an existing object which is an example of a particular type which subsumes it.

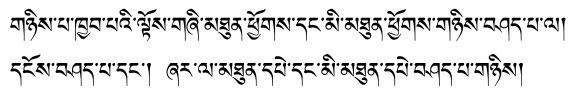
[It's incorrect to say that it is an existing object which is an example of a particular type which subsumes it.]

It is so an existing object which is an example of a particular type which subsumes it, Because there does exist an existence which subsumes it.

Our answer is, "It doesn't necessary follow." And this is because there is a very important point served by saying the words "an example" in the definition of being characteristic of something.

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### Formal logic subject: Similar cases, dissimilar cases, and "similar examples" in a logical statement



This brings us to the second section of our explanation of the pivotal objects: an explanation of the pivotal object in the necessary relationships between the quality to be proven and the reason—that is, the groups of similar cases and dissimilar cases. We will proceed in two steps: the actual explanation, and an incidental treatment of the similar example and the dissimilar example.

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The first of these comes in four parts of its own:

- 1) definitions;
- 2) divisions;
- 3) a calculation of the permutations based on whether the cases actually fit their name; and
- 4) an analysis of whether the groups of similar cases and dissimilar cases are directly contradictory or not.

Here is the first. The following is the definition of the group of similar cases in a proof that sounds are changing things:

All those things which are not void of the quality of being changing things, in keeping with the way in which sounds are proven to be changing things in any particular logical statement.

"Changing things" and the group of similar cases in just such a proof are such that to be one is always to automatically be the other.

The following is the definition of the group of dissimilar cases:

All those things which are void of the quality of being changing things, in keeping with the way in which this proof is made in the particular logical statement.

"All that is not a changing thing" and this same group are such that to be one is always to be the other.



Here secondly are the divisions. The group of dissimilar cases can come in three different types:

- 1) The group of dissimilar cases that are not existing things;
- 2) The group of dissimilar cases that are something else; and
- 3) The group of dissimilar cases that are directly contradictory.

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An example of the first would be the horns on a rabbit's head. An example of the second would be "knowable things." An example of the third would be "unchanging things."

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Here is the third part. One may ask the following:

If something is part of a group of similar cases in any particular proof, is it then necessarily part of such a group in such a way that it fits the name of the group?

Three of the permutations here hold. There do exist the following:

- 1) Something which is part of a group of similar cases in a particular proof, but which is not part of this group in such a way that it fits the name of the group;
- 2) Something which is both [part of a group of similar cases in a particular proof and which is also part of this group in such a way that it fits the name of the group]; and
- 3) Something which is neither [part of a group of similar cases nor part of this group in such a way that it fits the name of the group].

"That unproduced thing which is empty space" is an example of the first permutation: it is something which is part of a group of similar cases in a proof that sounds are unchanging things, but it is not part of this group in such a way that it fits the name of the group.

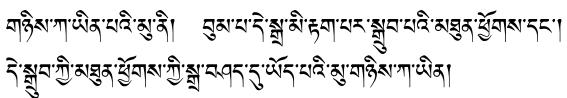
Here is a proof that this is true:

Consider this same thing [unproduced, empty space].

It is a part of the group of similar cases in the proof mentioned, Because it is an unchanging thing.

It is not part of this group in such a way that it fits the name of the group,

Because it is not a thing which is *similar* to sounds in the sense that they are both unchanging things.



Now for the second permutation: something which is both. A water pitcher is both something which is part of the group of similar cases in a proof that sound is changing, and also something which is part of this group in such a way that it fits the name of the group.

Here is a proof that this is true:

Consider a water pitcher. It is so something which is part of the group of similar cases of this same proof, Because it is a changing thing. Consider this same thing.

- It is a part of this group in such a way that it fits the name of the group,
- Because it is a thing which is *similar* to sounds in the sense that they are both changing things: a water pitcher is a changing thing, and a sound is also a changing thing.

Next is the permutation where something is neither. "The unproduced thing called 'empty space'" is something which is neither part of the group of similar cases in a proof that sound is a changing thing, nor a part of this group in such a way that it fits the name of the group.

Here is a proof that this is true:

Consider this same thing.

It is so true, that it is not a part of the group of similar cases in this same proof,

Because it is not a changing thing.

Consider this same thing.

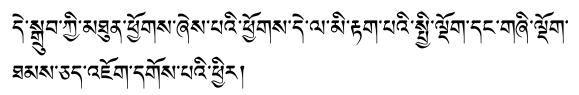
- It is so true, that it is not a part of this same group in such a way that it fits the name of the group,
- Because it is not a thing which is *similar* to sounds in the sense that they are both changing things: it is an unchanging thing, and sound is a changing thing.

There does not exist anything which would qualify as the final permutation; that is, something which was a part of the group of similar cases in such a way that it fit the name of the group, but which was not a part of the group of similar cases. This is because anything which is part of the group of similar cases in such a way that it fits the name of the group must also be part of the group of similar cases.

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When we speak of the "group" (*chok*) in the "group of similar cases" (*tunchok*) we are not necessarily speaking only of the quality to be proven in the particular proof. This is because we have to draw a distinction between the "group" in the "group of similar cases in a proof that sounds are changing things" and being *part* of the group of similar cases in the same proof. [This distinction has already been drawn for the reader in the translation above.]

આદ્યત્ત્વન્નસ્ય આસુત્તવા નેરાવ્રભા સું એક્ માયરાસું ત્વયરા સું ગ્રે કે માયરાસું ત્વયરા સું ગ્રે કે માયરા માયરા સું ગ્રે કે માયરા માયરા સું ગ્રે કે માયરા માય માયરા માયરા



It's easy to see how you would prove someone wrong if they replied, "It doesn't necessarily follow."

Suppose though you say,

It's not correct [to say that we have to draw a distinction between the "group" in the "group of similar cases in a proof that sounds are changing things" and being *part* of the group of similar cases in the same proof].

It is so correct to say this, because there are three different things that the word *chok* can make you think of—there are three different things that the word *chok* can refer to—when we speak of the *"chok"* in a proof that sounds are changing things. The *chok* in the word *chokchu* ("relationship between the subject and the reason") refers to the subject in the particular logical statement: the thing which the opponent doubts possesses the quality to be proven.

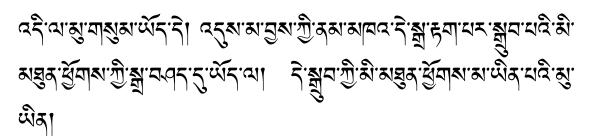
Then there are pair of further uses of this word: the *chok* we use when we are discussing whether or not something is part of the group of similar cases (*tunchok*), and the *chok* we use when we are discussing the object related to, within the necessary relationships in a logical statement (*kyappay drelyul gyi chok*). Both of these refer to the general type represented by the quality to be proven, or—in this case—the general type represented by "changing thing."

Finally there is the word *chok* as we use it in the expression "group of similar cases" (*tunchok*) itself. Here the word must be understood as referring to everything: to both the general type and the specific instance represented by "changing thing."



One may ask the following question:

If something is part of the group of dissimilar cases for a particular proof in such a way that it fits the name of the group, is it then always something which is part of the group of dissimilar cases for the particular proof?



Three permutations hold here. The unproduced thing which is empty space is an example of the permutation where something is part of the group of dissimilar cases in the proof that sounds are unchanging things in such a way that it fits the name of the group, but is not part of the group of dissimilar cases.

A water pitcher would be an example of the permutation where something is neither, in a proof that sound is a changing thing.

The unproduced thing which is empty space would be an example of the permutation where something is both part of the group of dissimilar cases in the proof that sounds are changing things in such a way that it fits the name of the group; and is also part of the group of dissimilar cases.

One permutation here does not hold: where something is part of the group of dissimilar cases in the particular proof, but not part of the group of dissimilar cases for the particular proof in such a way that it fits the name of the group. This is because anything that is part of the group of dissimilar cases in a particular proof is always part of the group of dissimilar cases in the particular proof in such a way that it fits the name of the group of in such a way that it fits the name of the group.

# 

Here lastly is the fourth point: an analysis of whether the groups of similar cases and dissimilar cases are directly contradictory or not. The group of similar cases stands in direct contradiction to the group of dissimilar cases, but the group of dissimilar cases does not stand in direct contradiction to the group of similar cases. This is because the group of dissimilar cases does not exist.

And this is true because any object which can be established as existing is always part of a group of similar cases. And this is because any object which can be established as existing is always a part of a group of similar cases for some correct reason. And this is because any object which can be established as existing is always a part of the group of similar cases for a correct reason in the proof that sound in a knowable thing.

On this point, someone might come and make the following claim:

It is so true, that the group of dissimilar cases exists, Because there does exist a group of dissimilar cases for the proof that sounds are changing things; and also because there does exist a "correct statement of proof that relates to what is dissimilar."

Our answer would be: it doesn't necessary follow.

[An actual example of a "correct statement of proof that relates to what is dissimilar" would be the following:

Things that are unchanging are always things that are not made— It's like the example of empty space, an unproduced thing;

And so, sounds are things that are made.]

# मिष्ठिकासालमात्राम्बुद्दान्दीन्दाकी काद्युद्दान्दी मिल्हु

Here is the second major topic—an incidental treatment of the similar example and the dissimilar example.

The definition of a similar example is: "Anything considered a similar example." Anything that lacks a self-nature is always a similar example, because anything which can be established as existing [that is, which does exist,] is always a similar example, and anything which cannot be established as existing [that is, which doesn't exist,] is also always a similar example.

[The first part of your statement is not correct.]

It is so true, that the first part of our statement is correct,

Because "water pitcher" is one [similar example], and it is equivalent [to the case in question].

[The second part of your statement is not correct.]

It is so true, that the second part of our statement is correct,

Because "the horns on the head of a rabbit" is one [similar example], and it is equivalent [to the case in question].

[The first part of your latest statement is not correct.]

Suppose you say that the first part of our last statement is not correct. Consider the horns on the head of a rabbit.

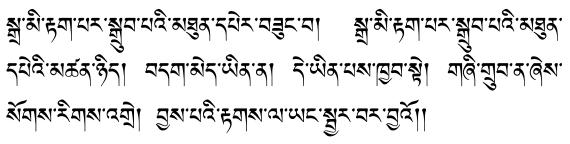
They are too [a similar example],

- Because they can be considered a similar example in a proof that sounds are changing things.
- And this is true because there could exist a logical statement where someone said:

Consider sounds. They are changing things, Because they are things that are made; It's just like the example of those [horns on a rabbit's head].

It is also true because there could exist a statement of proof where someone said:

Anything that is made Is always something that is changing; It's just like the example of those [horns on a rabbit's head].



Here is the definition of a similar example in a proof that sounds are changing things:

Anything that can be considered a similar example in a proof that sounds are changing things.

Anything that lacks a nature of its own is always just such an example,

Because anything that can be established as existing...(and then you can just follow the same pattern as above). You can apply all this as well to a proof where "because it is something made" is used as the reason for the same assertion.

"Anything which is considered a dissimilar example" is not, however, the definition of a dissimilar example. This is because no dissimilar example exists: anything that can be established as existing is always a correct similar example.



There does however exist a correct dissimilar example for the proof that sounds are changing things; we've established all this already, earlier on.

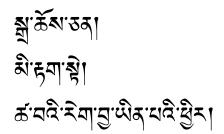
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## The forms of debate: **The Two Responses to a Statement of a Reason**

The great beauty of debate is that, assuming both parties stick to the rules of logic, *we must arrive at truth.* If the attacker in any particular exchange poses a series of questions in a correct, logical order, all the defender must do is give very simple answers reflecting his own beliefs—answers like "yes," or "no"—and sooner or later the truth will out. This is much like the way in which a computer program works, with switches at each logical decision point, turned "on" or "off" to indicate "yes" or "no"—and then continue on to this branch, and answer "yes" or "no," until the flowchart takes you where you must eventually go.

In an actual debate, the attacker will give his assertion in three parts: the statement of the subject, the quality to be proven about the subject, and the reason why this quality must be one that the subject possesses. He or she might say, for example,

Consider sounds. They are changing things, Because they are something hot to touch.



Here "sounds" are the subject, "being a changing thing" is the quality we are trying to prove about them, and "because they are things that are something hot to touch" is the full statement of the reason we give to prove that this quality does apply to the subject in question.

This is the most common form of logical statement in a Buddhist debate, and in Tibetan ends with the word *chir*, which is the word for "because." (In Tibetan sentence order, the "because" comes at the end.) A defender who hears a statement ending in *chir* immediately begins to think of two possible answers.

The first answer is *tak ma drup* (*rtags ma grub*), which basically means, "the reason you gave doesn't apply to the subject." In our case above this is to say, "It's incorrect to say that sounds are something hot to touch."

Suppose that the attacker had instead made the following statement:

Consider sounds. They are changing things, Because they exist.



Here it would be incorrect to answer *tak ma drup*, or "the reason you gave doesn't apply to the subject," because it is true that "existing" applies to "sounds"—that is, sounds do exist. Instead, the defender would answer *kyappa ma jung* (*khyab pa ma byung*), or "it doesn't necessarily follow." This is the same

as saying, "I admit it's true that sounds exist, but it doesn't necessarily follow then that they have to be changing things." After all, there are things—like emptiness or empty space—which exist but are not changing things.

Both of these answers are equivalent to saying "no," but for different reasons. They are the two classic answers because, if we assume a debate is about to take place, the attacker should begin with something to argue about—something the defender does not accept.

There are times in a debate though where an attacker is attempting to establish a certain context—trying to get the defender to accept one thing in order to go on to something else that he or she does not accept. An example would be the following:

Consider sounds. They are changing things, Because they are things that are made.

শ্ব'র্ক্রশ তব। ম'দ্রগাশ অবিদি। দ্রুষান্দ অবিদ্যুদ।

This is a correct statement, and so the defender answers "yes" or "right." The way to give such an answer in the Tibetan language is to simply repeat the verb that the opponent has used in his or her statement. With this last statement, for example, the defender would simply say, *Yin!*—or "They are!" meaning, "Yes! They are things that are made!"

The last thing to know about these answers is: *Think carefully before you choose which one to say!* It's quite acceptable in a debate to mull over your opening response carefully, since this already decides which side of the truth you will end up at, when both you and your opponent reach the inevitable conclusion of the flowchart.

### The Asian Classics Institute Course XIII: The Art of Reasoning

### **Reading Four: Causes and Results**

### Selection from the collected topics: Causes and Results

The selection here is from the monastic textbook entitled An Explanation of the Science of Logic, included in the Advanced Path of Reasoning, a Section from the "Key to the Logic Machine," a Presentation of the Collected Topics which Clarifies the Meaning of the Great Scriptures on Valid Perception (Tsad-ma'i gzhung-don 'byed-pa'i bsdus-grva'i rnam-par bshad-pa rigs-lam 'phrul gyi lde'u-mig las rigs-lam che-ba rtags-rigs kyi skor). The text was written by Purbuchok Jampa Tsultrim Gyatso (1825-1901), who in his day held the position of Tutor to the Dalai Lama.

Please note that indented statements are usually those given by the opponent. Responses within brackets are those that are usually left unwritten in the Tibetan text, and are understood to be there because of the context following each.

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# ह सित्तर्भित्तर्यस्र केट.टेंट्र, र्रंश, यलयो, यत्तर, ताजी, य्योयो, यलयो, झूँट. योझेंश.

### 221

Here is the fifth section, which is the more elementary presentation on causes and results. For this presentation we will first refute the position of our opponents, then present our own position, and then finally eliminate their rebuttal.

Here is the first. Suppose someone comes and makes the following claim:

Anything which can be established as existing is always either a cause, a result, or both.

## विश्वानुः केश्वा देनः वया देवेः क्षेमा

Consider "knowable things."

So is it then [always either a cause, a result, or both]? Because it is [a thing which can be established as existing].

[It's incorrect to say that it is a thing which can be established as existing.]

Suppose you say that it's incorrect [to say that "knowable things" is a thing which can be established as existing].

Consider this same thing.

It is so [a thing which can be established as existing],

Because it can be established through valid perception as existing.

[Then I agree with your original statement: "knowable things" is always either a cause, a result, or both.]

Suppose you agree with our original statement.

Consider this same thing.

It is not so, that "knowable things" is either a cause, a result, or both; Because it is not a working thing.

भः गुनाना दे के भारती देन हमा मना मना भारती ही ना

[It's not correct to say "knowable things" is not a working thing.]

Suppose you say that it's not correct [to say that "knowable things" is not a working thing].

Consider this same thing.

It is so true [that it's not a working thing],

Because it is an unchanging thing.

यिंग्रेयान्तरी क्रुय्येनना वन्नर्यस्य स्वय्यस्य मिया होया होया

Suppose someone comes and makes the following claim:

Anything which is a cause can never be a result.

न्देशयें के शाख्या ने राष्ट्र हिन या मा

Consider a working thing. So is it then true [that it can never be a result]? Because it is [a cause].

[It doesn't necessarily follow.]

But you have already agreed that it does necessarily follow.

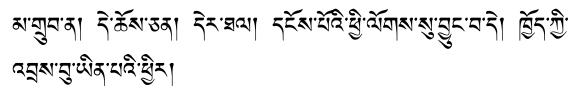
भः गुनः न। ने के भारत्वा ने मान्न भा हिन गी जन्म भारत भेरत हो मान

[It's not correct to say that a working thing is a cause.]

Suppose you say that it's not correct [to say that a working thing is a cause]. Consider this same thing.

It is so [a cause],

Because it has its own result.



[It's not correct to say that a working thing has its own result.]

Suppose you say that it's not correct [to say that a working thing has its own result].

Consider this same thing.

It does so [have its own result],

Because the working thing as it will be the moment after it is the result of the working thing.

รณา ผู้ราวรุณาฏณาพิสานวิายิรา

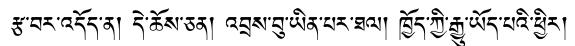
[It's not correct to say that the working thing as it will be the moment after it is the result of the working thing.]

Suppose you say that it's not correct [to say that the working thing as it will be the moment after it is the result of the working thing].

Consider this same thing.

It is so true that the working thing as it will be the moment after it is the result of the working thing,

Because it is a produced thing.



[Then I agree with your original statement: a working thing can never be a result.]

Suppose you agree with our original statement; [that is, suppose you say that a working thing can never be a result].

Consider this same thing.

It is so a result,

Because it has its own cause.

આગ્રુવાયા દેરકેઆ દેરાયા દિનાયુક્ય વેયાય સુદુવાયના દિનાયુક્ય พืर्य राषे भूना

[It's not correct to say that a working thing has its own cause.]

Suppose you say that it's not correct [to say that a working thing has its own cause].

Consider this same thing.

It does so [have its own cause],

Because the working thing as it was the moment before it is its cause.

[It's not correct to say that the working thing as it was the moment before it is its cause.]

Suppose you say that it's not correct [to say that the working thing as it was the moment before it is its cause].

Consider this same thing.

It is so true, [that the working thing as it was the moment before it is its cause],

Because it is a working thing.

Suppose someone comes and makes the following claim:

Nothing which is a direct cause can ever be an indirect cause.

Consider a working thing. Is it then so, [that it can never be an indirect cause]? Because it is [a direct cause].

[It's not correct to say that a working thing is a direct cause.]

Suppose you say that it's not correct [to say that a working thing is a direct cause].

Consider this same thing.

It is so [a direct cause],

Because it is a direct cause for the working thing as it will be the moment after it.



[It's not correct to say that a working thing is a direct cause for the working thing as it will be the moment after it.]

Suppose you say that it's not correct [that a working thing is a direct cause for the working thing as it will be the moment after it].

Consider this same thing.

It is so a direct cause for the working thing as it will be the moment after it, Because it's a working thing.



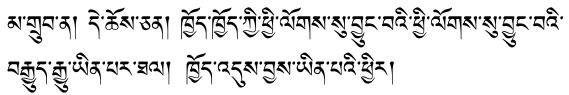
[Then I agree with your original statement: a working thing can never be an indirect cause.]

Suppose you agree to our original statement.

Consider this same thing.

It is so an indirect cause,

Because it is an indirect cause of the working thing as it will be the moment after the working thing as it will be the moment after it.



[It's not correct to say that a working thing is an indirect cause of the working thing as it will be the moment after the working thing as it will be the moment after it.]

Suppose you say that it's not correct [to say that a working thing is an indirect cause of the working thing as it will be the moment after the working thing as it will be the moment after it].

Consider this same thing.

It is so an indirect cause of the working thing as it will be the moment after the working thing as it will be the moment after it,

Because it is a produced thing.

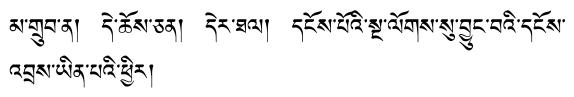


Suppose someone comes and makes the following claim:

Nothing which is a direct result can ever be an indirect result.

र्नरेश्वर्यें केंश उमा रेन प्रथा रेने क्षेत्री

Consider a working thing. So can it never then be [an indirect result]? Because it is [a direct result].



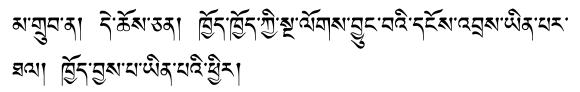
[It's not correct to say that a working thing is a direct result.]

Suppose you say that it's not correct [to say that a working thing is a direct result].

Consider this same thing.

It is so [a direct result],

Because a working thing is a direct result of the working thing as it was the moment before it.

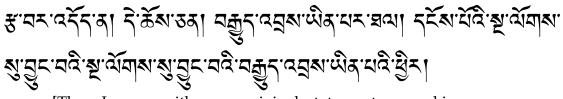


[It's not correct to say that a working thing is a direct result of the working thing as it was the moment before it.]

Suppose you say that it's not correct [to say that a working thing is a direct result of the working thing as it was the moment before it].

Consider this same thing.

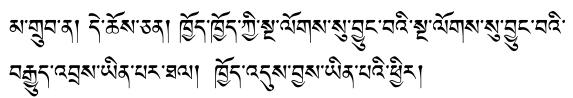
It is so a direct result of the working thing as it was the moment before it, Because it's a thing which is made.



[Then I agree with your original statement: a working thing can never be an indirect result.]

Suppose you agree with our original statement. Consider this same thing. It is so an indirect result,

Because it is an indirect result of the working thing as it was the moment before the working thing as it was the moment before it.



[It's not correct to say that a working thing is an indirect result of the working thing as it was the moment before the working thing as it was the moment before it.]

Suppose you say that it's not correct [to say that a working thing is an indirect result of the working thing as it was the moment before the working thing as it was the moment before it].

Consider this same thing.

It is so [an indirect result of the working thing as it was the moment before the working thing as it was the moment before it],

Because it is a thing that was produced.

Suppose someone comes and makes the following claim:

Anything that is a cause for a working thing is always a direct cause for the working thing.



Consider the working thing as it was the moment before the working thing as it was the moment before it.

So is it then [a direct cause for the working thing]? Because it is [a cause for the working thing].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

[It's not correct to say that the working thing as it was the moment before the working thing as it was the moment before it is a cause for the working thing.]

Suppose you say that it's not correct [to say that the working thing as it was the moment before the working thing as it was the moment before it is a cause for the working thing].

Consider this same thing.

It is so [a cause for the working thing],

Because it is the working thing as it was the moment before it.



[Then I agree to your original statement: the working thing as it was the moment before the working thing as it was the moment before it is a direct cause for the working thing.]

Suppose you agree to our original statement, [which is to say, the working thing as it was the moment before the working thing as it was the moment before it is a direct cause for the working thing].

Consider this same thing.

It is not so, [that it is a direct cause of the working thing], Because it is an indirect cause of the working thing.

[It's not correct to say that it is an indirect cause of the working thing.]

Suppose you say that it's not [an indirect cause of the working thing.] Consider this same thing.

It is so [an indirect cause of the working thing], Because the working thing is its indirect result.



- [It's not correct to say that a working thing is an indirect result of the working thing as it was the moment before the working thing as it was the moment before it.]
- Suppose you say that it's not correct to say [that a working thing is an indirect result of the working thing as it was the moment before the working thing as it was the moment before it].
- It is so true, that a working thing is an indirect result of the working thing as it was the moment before the working thing as it was the moment before it,
- Because working things are established as being the indirect results of the working things as they were the moment before the working things as they were the moment before them; and as the direct results of the working things as they were the moment before them. And working things as they were the moment before the working things as they were the moment before the working things as they were the moment before the working things as they were the moment before the working things as they were the moment before the working things as they were the moment before the working the indirect causes of working things, while working things as they were the moment before them are established as being the direct causes of those working things.

Suppose someone comes and makes the following claim:

Anything which is the direct result of a working thing must always be a result corresponding to that which has grown directly from the working thing.

Consider the working thing as it will be the moment after it.

So is it then [a result corresponding to that which has grown directly from the working thing]?

Because it is [a direct result of the working thing].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[It's not correct to say that a working thing as it will be the moment after it is a direct result of the working thing.]

Suppose you say that it's not correct [to say that a working thing as it will be the moment after it is a direct result of the working thing].

It is so true, that a working thing as it will be the moment after it is a direct result of the working thing,

Because it is a changing thing.

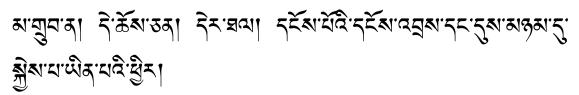
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[Then I agree to your original statement: a working thing as it will be the moment after it is a result corresponding to that which has grown directly from the working thing.]

Suppose you agree to our original statement, [and say that a working thing as it will be the moment after it is a result corresponding to that which has grown directly from the working thing.]

Consider a working thing as it will be the moment after it.

- It is not a result corresponding to that which has grown directly from the working thing,
- Because it is something which occurs at the same time as that which has grown directly from the working thing.

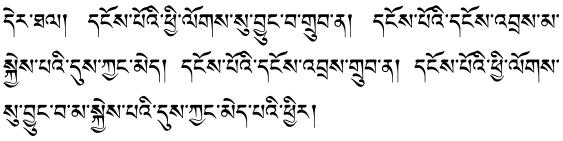


[It's not correct to say that a working thing as it will be the moment after it is something which occurs at the same time as that which has grown directly from the working thing.]

Suppose you say that it's not correct [to say that a working thing as it will be the moment after it, is something which occurs at the same time as that which has grown directly from the working thing].

Consider this same thing.

- It is so [something which occurs at the same time as that which has grown directly from the working thing],
- Because it is something which grows at the same time as the direct result of the working thing.



[It's not correct to say that a working thing as it will be the moment after it is something which grows at the same time as the direct result of the working thing.]

It is so [something which grows at the same time as the direct result of the working thing],

Because (1) there is no point in time where the working thing as it will be the moment after it has already occurred, but where the direct result of the working thing has yet to grow; and (2) neither is there any point in time where the direct result of a working thing has already occurred, but where the working thing as it will be the moment after it has yet to grow.

मिंग्रेमानगरी मुमायदे कुण्पेनना मुमायदे छेर खेन प्येन प्यानुय हेर ना

Suppose someone comes and makes the following claim:

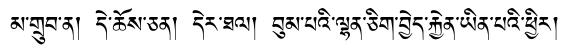
Anything which is the cause of a water pitcher is always a material cause of the water pitcher.

નુસાયવે સુર શુર વવે સુરાનુ દેશ અનુ નુસાયવે છેર બેવ ખેવ ચર જ્યા નુસ यदुःर्भुःलुष.यदुःसुरा विय.त.घश्रा

Consider an individual who acts as a cause for a water pitcher. So is he then a material cause of the water pitcher? Because he is a cause for the water pitcher.

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[It's not correct to say that an individual who acts as a cause for a water pitcher is a cause for the water pitcher.]

Suppose you say that it's incorrect [to say that an individual who acts as a cause for a water pitcher is a cause for the water pitcher].

Consider this same person.

He is so [a cause for the water pitcher],

Because he is a contributing factor for the water pitcher.

พत्युनन्ता ने केंग्राज्या ने मार्ग्या ने मार्ग्या में मार्ग के मार्ग में मार्ग में मार्ग के मार्ग में मार्ग में <u>ૡૹ</u>ૻૡૢૢૢૢૼ૱ૹઌ૾ૻ૱ઌ૱ૹૺ૱ૼ૱ૹ૽ૢ૾ૺૼૼ૱ૹૢ૽ૺૼૢ૱ૢ૽ૺ૱ઌ૱ૡ

[It's not correct to say that an individual who acts as a cause for a water pitcher is a contributing factor for the water pitcher.]

Suppose you say that it's not correct [to say that an individual who acts as a

cause for a water pitcher is a contributing factor for the water pitcher]. Consider this same person.

He is so [a contributing factor for the water pitcher],

Because he is something which gives rise to a result of his where he is contributing to its creation, and he is making this contribution in a way where he is not bringing about this result primarily as a continuation of the same material.

[Then I agree to your original statement: an individual who acts as a cause for a water pitcher is a material cause of the water pitcher.]

Consider an individual who acts as a cause for a water pitcher.

It isn't so the case, the he is a material cause for the pitcher,

Because he is not bringing about this result primarily as a continuation of the same material.



[It's not correct to say that he is not bringing about this result primarily as a continuation of the same material.]

Suppose you say that it's not correct [to say that he is not bringing about this result primarily as a continuation of the same material].

Consider this same person.

- It is so true, [that he is not bringing about this result primarily as a continuation of the same material],
- Because there exists no water pitcher which is a continuation of his same material.

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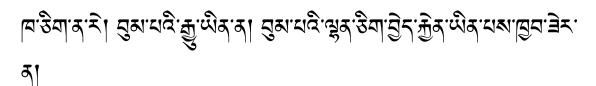
[It's not correct to say that there exists no water pitcher which is a continuation of his same material].

Suppose you say that it's not correct [to say that there exists no water pitcher which is a continuation of his same material].

Consider this same person.

It is so true, [to say that there exists no water pitcher which is a continuation of his same material],

Because he is a person.



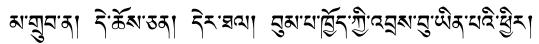
Suppose someone comes and makes the following claim:

Anything which is the cause of a water pitcher is always a contributing factor for the water pitcher.

Consider the clay which acts as a cause for a water pitcher. So is it then [a contributing factor for the water pitcher]? Because it is [a cause of the water pitcher].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[It's not correct to say that the clay which acts as a cause for a water pitcher is a cause of the water pitcher.]

Suppose you say that it's not correct [to say that the clay which acts as a cause for a water pitcher is a cause of the water pitcher].

Consider this same thing.

It is so [a cause of the water pitcher],

Because the water pitcher is its result.



[It's not correct to say that a water pitcher is a result of the cause of a water pitcher.]

Suppose you say that it's not correct [to say that a water pitcher is a result of the clay which acts as a cause for the water pitcher].

Consider a water pitcher.

It is so a result of the clay which acts as its cause,

Because there does exist clay which acts as its cause.

सः यर पर्देन दा ने केंग उदा युवाय दे खुव रेया येन मोव या युवा युवा यवे केर जोत खेत यवे हीरा

[Then I agree to your original statement: the clay which acts as a cause for a water pitcher is a contributing factor for the water pitcher.]

Suppose you agree to our original statement, [saying that the clay which acts as a cause for a water pitcher is a contributing factor for the water pitcher].

Consider this same thing.

It is not so, [that it acts as a contributing factor for the water pitcher], Because it is the material cause for the water pitcher.

मिंग्रेमानगी क्रुप्भेनना हेरायेनप्भेनप्रशह्मा हेराने

Suppose someone comes and makes the following claim:

Anything which is a cause is always a material cause.

Consider the flame of a butter lamp at the last instant of its existence. So is it then [a material cause]? Because it is [a cause].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

## 

[It's not correct to say that the flame of a butter lamp at the last instant of its existence is a cause.]

Suppose you say that it's not correct [to say that the flame of a butter lamp at the last instant of its existence is a cause].

Consider this same thing.

It is so [a cause],

Because it is a working thing.

[Then I agree with your original statement: the flame of a butter lamp at the last instant of its existence is a material cause.]

Suppose you agree to our original statement, [saying that the flame of a butter lamp at the last instant of its existence is a material cause].

Consider the flame of a butter lamp at the last instant of its existence. It is so true, that it is not a material cause,

Because it does not bring about a material result of it that is primarily a continuation of the same material.

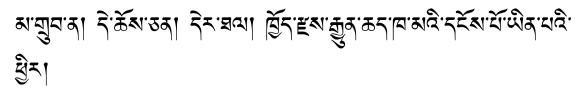
[It's not correct to say that the flame of a butter lamp at the last instant of its existence does not bring about a material result of it that is primarily a continuation of the same material.]

Suppose you say that it's not correct [to say that the flame of a butter lamp at the last instant of its existence does not bring about a material result of

it that is primarily a continuation of the same material]. Consider this same thing.

It is so true, [that it does not bring about a material result of it that is primarily a continuation of the same material,]

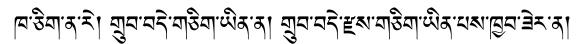
Because there is no later continuation of this same material.



[It's not correct to say that there is no later continuation of this same material.]

Suppose you say that it's not correct [to say that there is no later continuation of this same material].

It is so true, [that there is no later continuation of this same material], Because this flame is a working thing at the point where the continuation of the same material is about to be cut off.



Suppose someone comes and makes the following claim:

If two things are the same in the sense of being co-occurring, then they are always the same in the sense that to be one is to automatically be the other.

### দ্রিন'ন'দিশ্বা

Consider the two of the color of a piece of sandalwood and the smell of a piece of sandalwood.

So are they then [the same in the sense that to be one is to automatically be the other]?

Because they are [the same in the sense of being co-occurring].

[It's not correct to say that the two of the color of piece of sandalwood and the smell of a piece of sandalwood are the same in the sense of being co-occurring.]

Consider these same things.

They are so [the same in the sense of being co-occurring],

Because they come about at the same time, they stay at the same time, and they stop at the same time.

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[It doesn't necessarily follow.]

But it does necessarily follow,

Because this is what it means to be "co-occurring."

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[Then I agree to your original statement: the two of the color of a piece of sandalwood and the smell of a piece of sandalwood are the same in the sense that to be one is to automatically be the other.]

Suppose you agree to our original statement, [saying that the two of the color of a piece of sandalwood and the smell of a piece of sandalwood are the same in the sense that to be one is to automatically be the other].

- It is not so, that they are the same in the sense that to be one is to automatically be the other,
- Because they are not things that are such that to be one is to automatically be the other.

[It's not correct to say that the two of the color of a piece of sandalwood and the smell of a piece of sandalwood are not things which are such that to be one is to automatically be the other.]

- Suppose you say that it's not correct [to say that the two of the color of a piece of sandalwood and the smell of a piece of sandalwood are not things which are such that to be one is to automatically be the other].
- Consider the two of the smell of a piece of sandalwood and the color of a piece of sandalwood.
- It is so true that they are not things which are such that to be one is to automatically be the other,
- Because they are existing things which come about in such a way that to be one is not to automatically be the other.

## 

Suppose someone comes and makes the following claim:

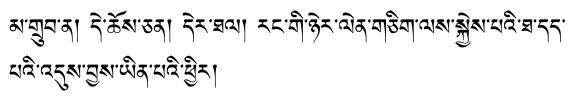
Any things which are such that to be one is to automatically be of the same material type as the other are also always such that to be one is to automatically be the other.

Consider the two of a larger grain and a smaller grain of barley that grow from a material cause which is a single piece of barley.

So are they then such that to be one is to automatically be the other? Because they are such that to be one is to automatically be of the same material type as the other.

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

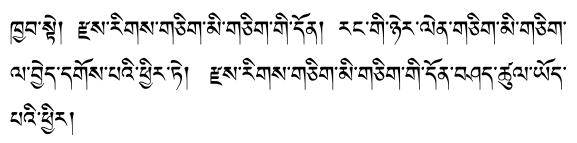


[It's not correct to say that the two of a larger grain and a smaller grain of barley that grow from a material cause which is a single piece of barley are such that to be one is to automatically be of the same material type as the other.]

Suppose you say that it's not correct [to say that the two of a larger grain and a smaller grain of barley that grow from a material cause which is a single piece of barley are such that to be one is to automatically be of the same material type as the other].

Consider these same things.

- They are so [such that to be one is to automatically be of the same material type as the other],
- Because they are produced things which are separate, and which have each grown from the same thing that provided their material cause.



[It doesn't necessarily follow.]

But it does necessarily follow,

Because the question of whether two things are such that to be one is to automatically be of the same material type as the other is something you must decide by determining whether they have each grown from the same thing that provided their material cause.

- [Then I agree to your original statement: a larger grain and a smaller grain of barley that grow from a material cause which is a single piece of barley are such that to be one is to automatically be the other.]
- Suppose you agree with our original statement, [saying that a larger grain and a smaller grain of barley that grow from a material cause which is a single piece of barley are such that to be one is to automatically be the other].

Consider these same two things.

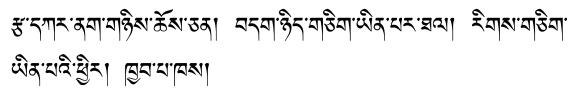
It is not so, [that they are such that to be one is to automatically be the other], Because they are not existing objects which come about in such a way that to be one is to be the other;

And this is true because they are such that to be one is not to be the other.

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Suppose someone comes and makes the following claim:

Whenever things are of the same type, they are also always such that to be one is to automatically be the other.



Consider the two of the darker and lighter channels of the body. So are they then such that to be one is to automatically be the other? Because they are of the same type. [It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

[It's not correct to say that the two of the darker and lighter channels of the body are of the same type.]

Suppose you say that it's not correct to say [that the two of the darker and lighter channels of the body are of the same type].

Consider these same things.

They are so [of the same type],

Because they are of the same general type.

[It's not correct to say that they are of the same general type.]

Suppose you say that it's not correct [to say they are of the same general type]. They are so [of the same general type],

Because they are existing things that fit the following description: they give the immediate, natural impression of "This thing is similar to the other," to anyone who focusses upon them.

[It doesn't necessarily follow.]

But it does necessarily follow,

Because there does exist something we mean when we say that a number of things are of the same general type.

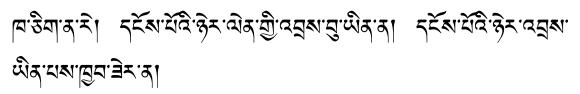
[Then I agree to your original statement: the two of the darker and lighter channels of the body are such that to be one is to automatically be the other.]

Suppose you agree to our original statement, [saying that the two of the darker and lighter channels of the body are such that to be one is to automatically be the other].

Consider these same things.

They are not so that to be one is to automatically be the other,

Because they are things such that to be one is not to automatically be the other; And this is because they are completely separate objects, neither of which shares any relationship with the other.



Suppose someone comes and makes the following claim:

Anything which is a result of the material of a working thing is always a material result of the working thing.

Consider a working thing. So is it then a material result of the working thing? Because it is a result of the material of a working thing.

[It doesn't necessarily follow.]

But you already agreed that it did necessarily follow.

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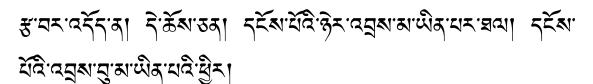
[It's not correct to say that a working thing is the result of the material of a working thing.]

Suppose you say that it's not correct [to say that a working thing is the result of the material of a working thing].

Consider this same thing.

It is so the result of the material of a working thing,

Because the material from which it came was its cause.



[Then I agree with your original statement: a working thing is a material result of the working thing.]

Suppose you agree with our original statement, [saying that a working thing is a material result of the working thing].

Consider this same thing.

It is not so, the material result of the working thing,

Because it is not a result of the working thing.



[It's not correct to say that a working thing is not a result of the working thing.]

Suppose you say that it's not correct [to say that a working thing is not a result of the working thing].

It is so not its own result,

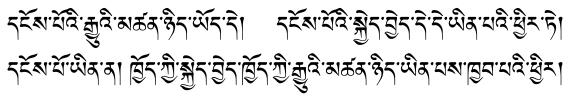
Because it is a thing which has no self-nature.

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Here next is the second part, where we present our own position. There does exist a definition of a cause, because it is the following:

Anything which brings about something else.

"Cause," "result," and "working thing" all refer to the same thing.



There does exist a definition of the cause of a working thing, because it is the following:

Anything which brings about a working thing.

And this is true because, whenever something is a working thing, the definition of its cause is always "the thing which brings it about."



Causes for working things can be divided into two kinds: direct causes for working things and indirect causes for working things.



There does exist a definition for the direct cause of a working thing, because it is the following:

Anything which brings about a working thing directly.

There does exist a classical example of this kind of cause, because it is the following:

A working thing as it was the moment before it.

There does exist a definition for the indirect cause of a working thing, because it is the following:

Anything which brings about a working thing indirectly.

There does exist a classical example of this kind of cause, because it is the following:

A working thing as it was the moment before the working thing as it was the moment before it.

These same patterns apply to the direct and indirect causes of all kinds of working things.

Causes for working things can also be divided into another two types, which are (1) material causes for working things and (2) contributing factors for working things.

There does exist a definition for the material cause of a working thing, because it is the following:

Anything that brings about a working thing primarily as a continuation of the same material.

There does exist a classical example of this kind of cause, because it is the following: the thing which is made and which acts as a cause for a working thing, [meaning here the working thing as it was the moment before—such as clay for a pot].

There does exist a definition of the contributing factor for a working thing, because it is the following:

Anything that brings about a working thing, but not primarily as a continuation of the same material.

There does exist a classical example of this kind of cause, because it is the following: a person who acts as a cause for a particular working thing; [such as a potter for a pot].

There does exist a definition of a result, because it is the following:

Something which is brought about.



There does exist a definition of a result of a working thing, because it is the following:

Something which is brought about by a working thing.

There does exist a classical example of this kind of result, because it is the following:

A working thing as it will be the moment after it.

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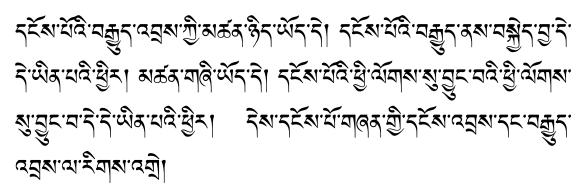
Results of working things can be divided into two different types: direct results of working things and indirect results of working things.

There does exist a definition for the direct result of a working thing, because it is the following:

Something which is brought about by a working thing directly.

There does exist a classical example of this same result, because it is the following:

A working thing as it will be the moment after it.



There does exist a definition for the indirect result of a working thing, because it is the following:

Something which is brought about by a working thing indirectly.

There does exist a classical example of this same result, because it is the following:

A working thing as it will be the moment after the working thing as it will be the moment after it.

These same patterns apply to the direct and indirect results of all kinds of working things.

Here is the third major part in our presentation, which is where we eliminate our opponents' rebuttal.

Suppose someone comes and makes the following claim:

So is it then the case that there exist no material causes for working things at all? Because it is the case that a working thing as it was the moment before it is no such cause.

[It's not correct to say that a working thing as it was the moment before it is not a material cause for it.]

Suppose you say that it's not correct [to say that a working thing as it was the moment before it is not a material cause for it].Consider a working thing as it was the moment before it.It is so true, that it is no material cause for the working thing, Because there is no certainty that it will become the working thing.



[It's not correct to say that there is no certainty that a working thing as it was the moment before it will become the working thing.]

Suppose you say that it's not correct [to say that there's no certainty that a working thing as it was the moment before it will become the working thing].

Consider a working thing as it was the moment before it.

It is so true, that there's no certainty that a working thing as it was the moment before it will become the working thing, Because it has already become the working thing.

Our answer to this is, "It doesn't necessarily follow."

[It's not correct to say that a working thing as it was the moment before it has already become the working thing.]

Suppose you say that it's not correct [to say that a working thing as it was the moment before it has already become the working thing].Consider a working thing as it was the moment before it.It has so already become the working thing,

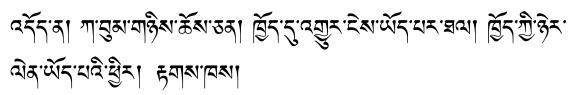
Because it is a working thing.

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Suppose someone comes and makes the following claim:

Consider the two of a pillar and a water pitcher. It is so true, that they have their material causes, Because they are working things.

Remember, you already agreed that it follows.



[We agree that the two of a pillar and a water pitcher have their material causes.]

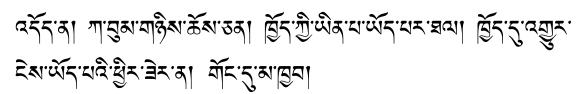
Suppose you agree [that the two of a pillar and a water pitcher have their material causes].

Consider the two of a pillar and a water pitcher.

So is it then the case, that there is something which will with certainty become them?

Because they have their material causes.

Remember, you have agreed to our statement [that the two of a pillar and a water pitcher have their material causes].



Suppose you agree [that it is the case that there are things which will with certainty become them.]

Consider the two of a pillar and a water pitcher.

So is there then a thing which is them?

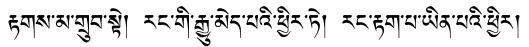
Because there are things which will with certainty become them.

To this we answer: "We respond 'It doesn't necessarily follow' to the last one."

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We have stated that, if something is a working thing, then it is always a result of its cause. Suppose someone comes and makes the following claim concerning this statement:

Consider "its cause." So is it then a result of its cause? Because it is a working thing.



It's not correct [to say that "its cause" is a working thing], Because it has no cause; And this is true because it's an unchanging thing.

# र्यित्रन्ते। नुस्रायकेंश्वा क्रुप्दन्नश्वाधेत्रायन्त्रव्या क्रुप्दन्नश्वाधिश्वायाधेत्रायतेः धुन्। वेन्दा

Suppose someone comes and makes the following claim:

Consider a water pitcher. So is it then the cause and the result? Because it is both a cause and a result.



Our answer is, "It doesn't necessarily follow":

Consider a water pitcher. It is not so, that it is the cause and the result, Because it is not separate things; And this is true because it is one thing.



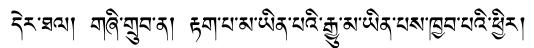
Suppose someone comes and makes the following claim:

- It is so true, that there exists a cause of what is not unchanging,
- Because anything which is a cause is always a cause for what is not unchanging.



But this is incorrect,

Because nothing which is a cause is ever a cause for what is not unchanging.



And this is so the case, because nothing which can be established as existing can ever be a cause for what is not unchanging.

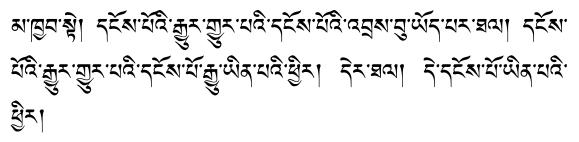
And this is so the case, because it is always true of everything that can be established as existing that what is not unchanging could never be a result.



And this is so the case, because it is always true of everything that can be established as existing that what is not unchanging could never be a working thing.

Suppose someone comes once more, and makes the following claim:

Isn't it the case, that there does exist one thing which can be both (1) the cause of a working thing and (2) a result of the working thing?Because there does exist the result of a working thing that serves as the cause of a working thing.

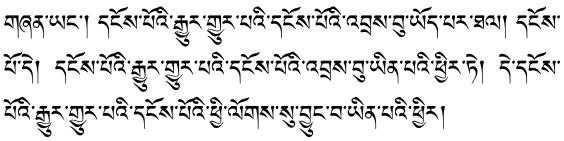


To this we answer, "It doesn't necessarily follow."

It is so by the way true that there does exist the result of a working thing that serves as the cause of a working thing,

Because the working thing that acts as the cause for a working thing is a cause. And this is so,

Because it is a working thing.



It is moreover true that there exists a result of a working thing which acts as the cause of a working thing,

- Because a working thing is a result of a working thing which acts as the cause of a working thing;
- And this is true because it is a working thing as it will be the moment after it which acts as the cause of a working thing.

[It's not correct to say that a working thing is a working thing as it will be the moment after it which acts as the cause of a working thing.]

Suppose you say that it's not correct [to say that a working thing is a working thing as it will be the moment after it which acts as the cause of a working thing.]

Consider a working thing.

It is so [a working thing as it will be the moment after it which acts as its cause],

Because it is a produced thing.



Suppose that someone comes and makes the following claim with regard to our last argument:

Consider a working thing.

Isn't it the case that there doesn't even exist a result of it which is its cause?

Because isn't it true that there exists no object which is both its cause and its result?



Our answer here is: "It doesn't necessarily follow":

Consider a working thing.

It is so true, that there exists a result of it which acts as its cause, Because (1) there exists a version of it which acts as its cause, and (2) this

version is not something unchanging.

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Formal logic subject: The definition of a correct logical statement, and the three relations

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Here secondly we will explain the definition of a correct reason.

A correct reason is defined as:

A reason where the three relationships hold.

What are the three relationships? They are the following three: the relationship between the subject and the reason; the positive necessity between the reason and the quality to be proven; and the reverse necessity between the reason and the quality to be proven. Here now we will give the definition, classical examples, and supporting arguments for each.

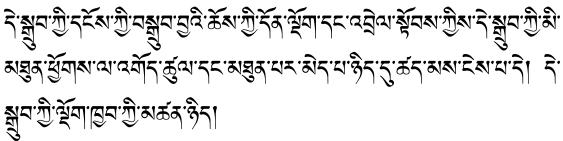
Here is the first. The "relationship between the subject and the reason" in any particular proof is defined as holding when:

The reason is ascertained through valid perception to be something that only applies to the subject of the proof—the object about which the opponent entertains his doubt—in the way asserted.

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The "positive necessity between the reason and the quality to be proven" in any particular proof is defined as holding when:

The reason is ascertained through valid perception to be something that only applies to the group of similar cases for the proof, in the way asserted.



The "reverse necessity between the reason and the quality to be proven" in any particular proof is defined as holding when:

The reason is ascertained through valid perception to be something that only fails to apply to the group of dissimilar cases for the proof, in the way asserted, due to its relationship to the general type represented by the explicit form of the quality to be proven.

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Suppose we now relate these in more detail, to specific applications. The holding of the "relationship between the subject and the reason in a proof where sound is proven to be a changing thing" can be defined as:

The reason is such that—

- (1) "Sound" provides the subject about which the opponent entertains doubt, in a proof where the particular thing is being used as a reason in the proof that sound is a changing thing; and
- (2) This particular thing is also ascertained by a valid perception only to apply to sound, in the way asserted—while it is also the case that it and sound are separate from each other.

The holding of the "positive necessity between the reason and the quality to be proven in a proof where sound is proven to be a changing thing" can be defined as:

The reason is such that—

- (1) There does exist a correct "similar example," incorporating both the reason and the quality to be proven;
- (2) The reason is related to "changing thing"; and
- (3) The reason is ascertained through valid perception to be something that only applies to the group of similar cases in the way asserted, in a proof where sound is proven to be an unchanging thing.

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The holding of the "negative necessity between the reason and the quality to be proven in a proof where sound is proven to be a changing thing" can be defined as:

The reason is such that—

- (1) There does exist a correct "dissimilar example," involving both the reason and the quality to be proven;
- (2) The reason is related to "changing thing"; and
- (3) The reason is ascertained through valid perception to be something that only fails to apply to the group of dissimilar cases in the way asserted, in a proof where sound is proven to be an unchanging thing.

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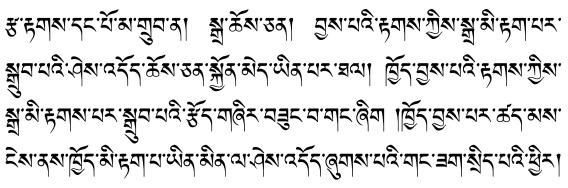
Here is the classical example. "Something which is made" is an example where, in a proof where "something which is made" is being used as the reason to prove that sound is something changing, all three hold: the relationship between the subject and the reason; the positive necessity between the reason and the quality to be proven; and the negative necessity between the reason and the quality to be proven.

Here next are the supporting arguments.

Consider "something which is made."

It is so a case where the relationship between the subject and the reason holds, in a proof that sound is something changing,

Because it fits the definition given.



[The first part of your original statement on this point is not correct: it is incorrect to say that "sound" provides the subject about which the opponent entertains doubt, in a proof where "a thing which is made" is being used as the reason in a proof that sound is a changing thing.]

Suppose you say that the first part of our original statement is not correct, [which is to say, it is incorrect to say that "sound" provides the subject about which the opponent entertains doubt, in a proof where "a thing which is made" is being used as a reason in the proof that sound is a changing thing].

Consider sound.

It does so provide the subject about which the opponent entertains doubt, in a proof where "a thing which is made" is being used as a reason in the proof that sound is a changing thing, Because (1) it is considered the basis of contention in a proof where "a thing which is made" is being used as a reason in the proof that sound is a changing thing; and (2) it is possible that there exists a person who, once they have ascertained through valid perception that sound is something made, still doubts whether or not sound is a changing thing.

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[The first part of your reason is not correct.]

The first part of our reason is so correct, Because the following logical statement does exist:

> Consider sound. It is a changing thing, Because it is made.

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[The second part of your reason is not correct.]

The second part of our reason is so correct,

Because there do exist people who, once they have ascertained through valid perception that sound is something made, still doubt whether or not sound is a changing thing.

[The second part of your original statement is not correct: it is not correct to say that "something which is made" is also ascertained by a valid perception only to apply to sound, in the way asserted; and that it is also the case that "something which is made" and sound are separate from each other.] Suppose you say that the second part of our original statement is not correct. Consider "something which is made."

- It is so [also ascertained by a valid perception only to apply to sound, in the way asserted; and it is so moreover the case that "something which is made" and sound are separate from each other],
- Because (1) "something which is made" and sound are separate from each other, and (2) "something which is made" can be ascertained by a valid perception only to apply to sound, in the way asserted.

[The second part of your last reason is not correct: it's not correct to say that "something which is made" can be ascertained by a valid perception only to apply to sound, in the way asserted.]

The second part of our last reason is so true,

Because (1) the way in which the reason is set forth utilizes the verb "is"; (2) sound is something made, and (3) "something which is made" applies to the subject, "sound." All the parts of this reason are easy to accept.

Consider "something which is made."

It is so a case where the positive relationship between the reason and the quality to be proven holds, in a proof that sound is something changing, Because it fits the definition given.

[The first part of your original statement on this point is not correct—which is to say, there does not exist a correct "similar example," incorporating both the reason and the quality to be proven, in the proof where "something which is made" is used as the reason in a proof that sound is a changing thing.]

The first part of our original statement on this point is so correct,

Because "water pitcher" is a correct "similar example," incorporating both the reason and the quality to be proven, in the proof where "something which is made" is used as the reason in a proof that sound is a changing thing.

[It's not correct to say that "water pitcher" is a correct "similar example," incorporating both the reason and the quality to be proven, in the proof where "something which is made" is used as the reason in a proof that sound is a changing thing.]

Suppose you say that it's not correct [to say that "water pitcher" is a correct "similar example," incorporating both the reason and the quality to be proven, in the proof where "something which is made" is used as the reason in a proof that sound is a changing thing].

Consider a water pitcher.

- It is so a correct similar example, incorporating both the reason and the quality to be proven, in the proof where "something which is made" is used as the reason in a proof that sound is a changing thing,
- Because (1) it can be considered a similar example in the proof where "something which is made" is used as the reason in a proof that sound is a changing thing; and (2) there does exist a correct opponent for the particular proof who—before he ascertains with valid perception that the fact that "something which is made must always be something which is changing" applies to sound—has already ascertained, with valid perception, that the fact that "something which is made must always be something which is changing" applies to it [that is, to the similar example: a water pitcher].

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[The first part of your last reason is not correct.]

The first part of our last reason is so correct, Because the following logical statement does exist:

> Consider sound. It is a changing thing, Because it is made. It's like, for example, a water pitcher.

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Suppose you say that the second part of our reason is not correct. Consider all knowable things.

- There does so [exist a correct opponent for the particular proof who—before he ascertains with valid perception that the fact that "something which is made must always be something which is changing" applies to sound—has already ascertained, with valid perception, that the fact that "something which is made must always be something which is changing" applies to it (that is, to the similar example: a water pitcher),.
- Because there does exist a correct opponent for the particular proof who—before he ascertains with valid perception that the fact that "something which is made must always be something which is changing" applies to sound—has already ascertained, with valid perception, the fact that a water pitcher is a changing thing.
- And this is true because there does exist a correct opponent for the proof that sound is a changing thing.
- And this is true because what it means to be a correct opponent for the proof that sound is a changing thing is exactly what we just mentioned.

<sup>[</sup>The second part of your reason is not correct.]

And this is true because a correct opponent for this particular proof is a person who (1) has not yet ascertained, with a valid perception, that sound is something changing; and who (2) has already ascertained, with a valid perception, that a water pitcher is a changing thing.

The two points of the reason are established by the very subject at hand.

[The second part of your original statement is incorrect: the reason is not related to "changing thing."]

The second part of our original statement is so correct,

Because the reason is related to "changing thing" in such a way that to be the reason is to automatically be a changing thing.

[The third part of your original statement is incorrect: the reason is not ascertained through valid perception to be something that only applies to the group of similar cases in the way asserted, in a proof where sound is proven to be an unchanging thing.]

The third part of our original statement is so correct,

Because (1) the proof in which "something made" appears as a reason is one where "is" is used as the verb with the reason; and (2) the verb used with the quality to be proven is "is," (3) the reason given is a changing thing, and (4) anything which is something made is automatically a changing thing.

<u>ને</u> નાયુક્યાય તેમ કાર્યો કિંદ્ર ગુે મેથાય ગુજાર કે સુવર ગુે સુવર્ જ તા બુધ સુવર ระา พัรญาตารระการติยา ชิเพพพลานดิชิม

The first point is easy.

The second is so true,

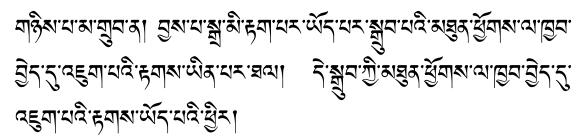
Because (1) it appears as a reason in a proof where the verb used with the quality to be proven could have been either "is" or "exists," and (2) here it is not the latter.

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[The first of these two points is not correct: it's not correct to say that "it is something made" appears as a reason in a proof where the verb used with the quality to be proven could have been either "is" or "exists."]

The first of the two points is so true,

Because it has been set forth as a reason in the proof.



[The second of these two points is not correct: it's not correct to say that here it is not the latter.]

Suppose you say that the second of the two points is not correct.

So is it then the case that "something which is made" is used here as a reason which covers the entire group of similar cases in a proof where "changing things exist" is being proven about sound?

Because there does exist a reason which covers the entire group of similar cases in the particular proof.

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[I agree to your statement that "something which is made" is used here as a reason which covers the entire group of similar cases in a proof where "changing things exist" is being proven about sound.]

Suppose you agree with our statement. Consider all knowable things. So are they then something which is made? Because changing things exist with them.

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[The third part of your reason above is incorrect: the reason given is not a changing thing.]

The third part of our reason above is so correct, Because the reason given is "something which is made."

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And we can throw out any objection to the fourth part of our reason, [which states that anything which is something made is automatically a changing thing].



Consider [the reason] "something which is made."

It is so true, that the negative necessity holds with it in a proof that sound is a changing thing,

Because it fits the given definition.

[It's not correct to say that it fits the first part of the original definition; that is, there does not exist a correct "dissimilar example," involving both the reason and the quality to be proven.]

It does fit the first part [of the original definition of whether the negative necessity holds],

Because "empty space, an unproduced thing" is just such an example.



- We have already established that it fits the second part [of the original definition; that is, the reason ("something made") does relate to "changing thing"].
- It does fit the third part [of the original definition; that is, "something which is made" is ascertained through valid perception to be something that only fails to apply to the group of dissimilar cases in the way asserted, in a proof where sound is proven to be an unchanging thing],
- Because nothing which is made ever applies to those things which are not changing.

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### The forms of debate: Formulating a statement of necessity

One of the most powerful tools in logic, and in the debate ground, is called the "statement of necessity," which is *telngyur* in Tibetan (*thal-'gyur*) and *prasañgika* in Sanskrit. This form of logical statement is believed by the highest school of Buddhism, the upper half of the Madhyamika or Middle-Way Group of philosophers, to have the power to give an opponent a correct understanding of emptiness even before going on to a standard assertion—and because of this belief, the school is called the "Madhyamika Prasangika," or the "Necessity" School of the Middle-Way Group.

The word "necessity" here most often implies an absurdity which would be a necessary consequence if the opponent's incorrect statement were true. As such, the name of the highest school is sometimes rendered into English as the "Consequence" School of the Middle-Way Group.

In debate, a statement of necessity is most often used right after the opponent has objected to a standard assertion, such as in the following example. We have just given the statement,

Consider sound. It is a changing thing, Because it is a thing which is made.



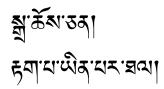
The opponent then answered,

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Your reason is incorrect. (Which is to say, "Sound is not
a thing which is made.")
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We then reply with a statement of necessity, in this case pointing out an absurd consequence of our opponent's position:

Let's consider sound again. So is it then something which is unchanging?



Whenever we are using a statement of necessity in the sense of pointing out an absurd consequence of the opponent's position, our voice in the Tibetan descends at the end of the statement, on the word *tel*. In Tibetan this is the equivalent of a sarcastic statement like "Oh, so I suppose you're telling me then that sound is an unchanging thing?"

There are however also times when we use a statement of necessity to express something that we *do* believe is necessarily true. An example would be the following statement, which we might use in debate if the opponent has said "That's right" to our last statement above. (In other words, he has said, "It's right that sound is something which is unchanging.")

Let's consider sound again. It is *not* the case that it is something which is unchanging, Because it is a working thing.

In this case, because we believe in the statement, our voice in Tibetan rises at the end of the statement, again on the word *tel*. This is the equivalent in Tibetan of something like "I told you so! Sound could never be something which is unchanging!"

A statement of necessity in debate, finally, often follows a statement of a general truth, such as the following. Suppose an opponent comes and says,

If something is the color of a flower, it must always be a white color.

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We would then retaliate with,

Consider the color of a red rose. So is it then a white color? Because it is the color of a flower.

Of course in this case our voice would drop on the *tel*, indicating that we ourselves would never believe this absurd consequence of our opponent's position. In the next lesson, we will learn about the traditional responses to a statement of necessity.

**READING FIVE WAS NOT TRANSLATED.** 

### The Asian Classics Institute Course XIII: The Art of Reasoning

**Reading Six: Negative and Positive** 

### Selection from the collected topics: Negative and Positive

The selection here is from a monastic textbook popularly known as The Collected Topics of the Spiritual Son (Sras bsdus-grva), by Master Ngawang Trashi, the spiritual son of the great Jamyang Shepa (1648-1721).

Please note that indented statements are usually those given by the opponent. Responses within brackets are those that are usually left unwritten in the Tibetan text, and are understood to be there because of the context following each.

Here next is a presentation on the concepts of negative and positive. We will first refute the position of our opponents, then present our own position, and then finally eliminate their rebuttal.

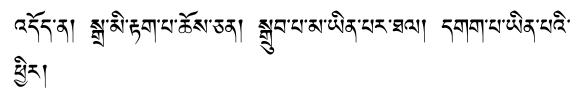
Suppose someone comes and makes the following claim:

Anything which is a working thing must always be something positive.

Consider the fact that sound is not unchanging. So is it then something positive? Because it is a working thing.

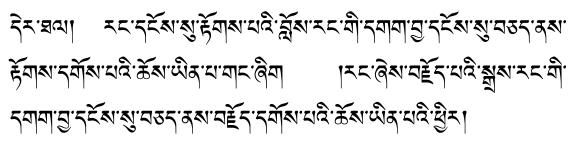
[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[Then I agree to your original statement: the fact that sound is not unchanging is something positive.]

Suppose you agree to our original statement. Consider the fact that sound is not unchanging. It is not so, that it is something positive, Because it is something negative.



[It's not correct to say that the fact that sound is not unchanging is something negative.]

It is so,

Because (1) it is a thing which must be perceived by the state of mind that perceives it directly through the process of eliminating, directly, the thing that it denies; and (2) it is a thing which must be expressed through a process where the wording used to express it does so through a process of eliminating, directly, the thing that it denies.

[The second part of your last statement is not correct: the fact that sound is not unchanging is not a thing which must be expressed through a process where the actual wording used to express it does so through a process of eliminating, directly, the thing that it denies.]

The second part of our last statement is so true,

Because the expression "sound is not unchanging" is one where the fact that sound is not unchanging is expressed through eliminating, directly, the idea that sound is something unchanging—by saying so explicitly.

Suppose someone comes and makes the following claim:

Whenever the actual name for something incorporates a word for the absence of something, then the thing is always a negative thing in the sense of being the absence of something.

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Consider the Buddha known as "Limitless Life" (Amitayus). So is he [a negative thing in the sense of being the absence of something]? Because he is [something where his actual name incorporates a word for the absence of something].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

[It's not correct to say that the Buddha known as "Limitless Life" is something where his actual name incorporates a word for the absence of something.]

Suppose you say that it's not correct.

Consider the Buddha known as "Limitless Life."

- He is so [something where his actual name incorporates a word for the absence of something],
- Because (1) the term "the Buddha known as 'Limitless Life'" is his actual name, and (2) the fact that his name incorporates a word for the absence of something is an example of the obvious level of reality.

[I agree to your original statement: the Buddha known as "Limitless Life" is a negative thing in the sense of being the absence of something.]

Suppose you agree to our original statement.

Consider the Buddha known as "Limitless Life."

It is not so, that he is a negative thing in the sense of being the absence of something,

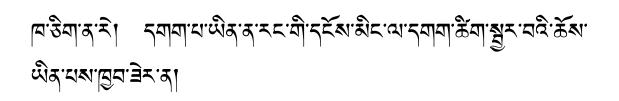
Because he is a working thing.

[It doesn't necessarily follow.]

Suppose you say that it doesn't necessarily follow.

It does so necessarily follow,

Because anything which is a negative thing in the sense of being the absence of something is always an unchanging thing.



Suppose someone comes and makes the following claim:

Anything which is a negative thing is always a thing which has a term of negation incorporated into its actual name.

Consider space.

So is it then a thing which has a term of negation incorporated into its actual name?

Because it is a negative thing.

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[It's not correct to say that space is a negative thing.]

Suppose you say that it's not correct.

Consider space.

It is so a negative thing,

Because it is a negative thing in the sense of being the absence of something.



[It's not correct to say that space is a negative thing in the sense of being the absence of something.]

Suppose you say it's not correct.

Consider space.

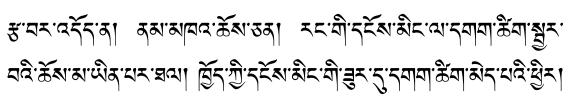
It is so a negative thing in the sense of being the absence of something,

Because, by being the simple elimination of all obstruction, it is a negative thing in the sense of being the absence of something.

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[It's not correct to say that space, by being the simple elimination of all obstruction, it is a negative thing in the sense of being the absence of something.]

Suppose you say that it's not correct. It is so, Because it is that space which is an unproduced thing.



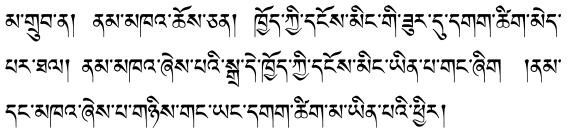
[I agree to your original statement: space is a thing which has a term of negation incorporated into its actual name.]

Suppose you agree to our original statement.

Consider space.

It is not so a thing which has a term of negation incorporated into its actual name,

Because there is no term of negation that forms a part of its actual name.



[It's not correct to say that there is no term of negation that forms a part of the actual name of "space."]

Suppose you say that it's not correct.

Consider space.

It is so true, that there is no term of negation that forms a part of its actual name,

Because (1) the expression "space" (*nam-ka*) is its actual name, and (2) neither of the two parts of this expression, *nam* or *ka*, is a term of negation.

วลิชัพพิสานรายณา รุญญานาพิสานลิษิรา เมือานานพา

We can also make this point another way.

Consider the nature of things.

So is this then a thing where its actual name incorporates a term of negation? Because it is a negative thing.

[It doesn't necessarily follow.]

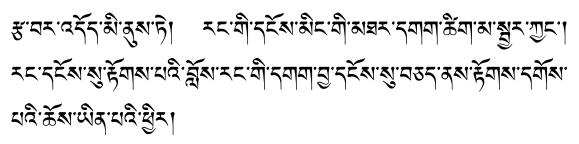
But you already agreed that it does necessarily follow.



[It's not correct to say that the nature of things is a negative thing.]

It is correct,

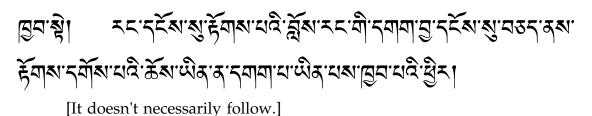
Because the nature of things is a negative thing in the sense of being the absence of something.



[I agree with your original statement: the nature of things is a thing where its actual name incorporates a term of negation.]

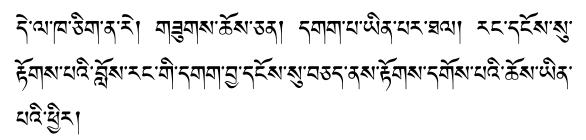
But you can't agree with our original statement,

Because—even though it is a thing where its actual name incorporates no term of negation—the nature of things is a thing which must be perceived by the state of mind that perceives it directly through the process of eliminating, directly, the thing that it denies.



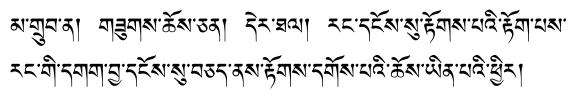
But it does necessarily follow,

Because anything which a thing which must be perceived by the state of mind that perceives it directly through the process of eliminating, directly, the thing that it denies is always a negative thing.



Suppose that, on this point, someone comes and makes the following claim:

Consider physical things. Are they then negative things? Because they are things which must be perceived by the state of mind that perceives them directly through the process of eliminating, directly, the thing that they deny.



Suppose you say that it's not correct [to say that physical things are things which must be perceived by the state of mind that perceives them directly through the process of eliminating, directly, the thing that they deny].

Consider physical things.

They are so such things,

Because they are things which must be perceived by the conceptualization which perceives them directly through the process of eliminating, directly, the thing that they deny.

## มาฏุจาลา จาลูจามาชัมางลา วิจายณา จราวรัฐงานจารัฐงามพื้มา นาสมานจาวงรางมารัฐงามารุจักมานจาชั่าชัมาพิมานจารีรัฐงามารายา

Suppose you say that it's not correct [to say that physical things are things which must be perceived by the conceptualization which perceives them directly through the process of eliminating, directly, the thing that they deny]. Consider physical things.

They are so such things,

Because they are things which must be perceived by the conceptualization which perceives them directly through the process of eliminating, directly, all that they are not.

To this last we answer, "It doesn't necessarily follow."

अ'ग्रुप'ता मह्मार्थ'र्द्रेश'ठता हिंद'यदे ते मार्थ हिंद'य' के संस्थान के स संस्थान के स संस्थान के स संस्थान के स संस्थान के स างราสุฆาร์สาญารศัญนานลาอัญเพลานราสณา ผู้รายคิาสูมานลาผู้รา

And suppose you said that it wasn't correct [to say that physical things are things which must be perceived by the conceptualization which perceives them directly through the process of eliminating, directly, all that they are not].

Consider physical things.

They are so things which must be perceived through the process of eliminating, directly, all that they are not,

Because they can be established as existing.

Suppose someone comes and makes the following claim:

Consider a water pitcher. It is not so true, that it is something positive, Because it is something negative.

# અ'શુ न'ब। नुस'य'र्केश'ठवा नगमाय'थेव'यर'वया रत्त'र्नेश'यु'र्हेगस'यदे' हेगायस'रत्य'र्थव'य'द्दस'यर'नठन'वस'हेंगस'नर्गेस'यदे'र्केस'थेव'यदे'र्युर' बेर'व'स'हिना

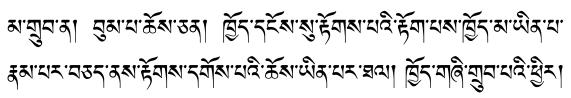
Suppose you say that it's not correct [to say that a water pitcher is something negative].

Consider a water pitcher.

It is so something negative,

Because it is a thing which must be perceived by the conceptualization which perceives it directly through the process of eliminating, directly, all that it is not.

To this we answer, "It doesn't necessarily follow."



And suppose you say that it's not correct [to say that a water pitcher is a thing which must be perceived by the conceptualization which perceives it directly through the process of eliminating, directly, all that it is not].

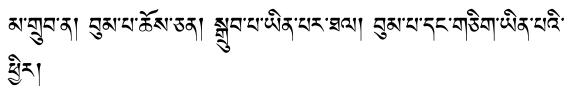
Consider a water pitcher.

It is so a thing which must be perceived by the conceptualization which perceives it directly through the process of eliminating, directly, all that it is not,

Because it is something which can be established as existing.

And suppose you did agree to that original statement [that a water pitcher is something negative].

Consider a water pitcher. It is not so true, that it is a negative thing, Because it is a positive thing.



[It's not correct to say that a water pitcher is a positive thing.]

Consider a water pitcher. It is so a positive thing, Because it is one and the same as a water pitcher.

# 

Suppose someone comes and makes the following claim:

If something is a negative in the sense of not being something, then it is always a thing where the term which expresses it directly implies something else—either a negative in the same sense or a positive—incidental to denying what it denies.

Consider the fact that John Smith, who is chubby, never eats during the day. So is it then [a thing where the term which expresses it directly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies]?

Because it is [something negative in the sense of not being something].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

มาฏุนาลา นูมาลิอาธิ์สานัาทิสานนายมามิเยานิธิ์มางลา มาพิสานทาพิสา นนายณา นนาลิมานิธ์กานนิาสูมมานนายนายิบธิ์มายสาณาร์มามากา สมาธิ์มาทุศสามาพิสานที่มาการลูกานทาการูนานสิสานนาฏิกานพิสานนิายินา

[It's not correct to say that the fact that John Smith, who is chubby, never eats during the day is something negative in the sense of not being something.]

Suppose you say that it's not correct.

Consider the fact that John Smith, who is chubby, never eats during the day. It is so a negative in the sense of not being something, because it is a thing where the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording.

[It's not correct to say that the fact that John Smith, who is chubby, never eats during the day is a thing where the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies.]

It is so,

Because (1) the term which expresses it directly denies that he eats during the day, and implies indirectly that he eats at night; and (2) the fact that he eats at night is something positive.

[I agree to your original statement: The fact that John Smith, who is chubby, never eats during the day is a thing where the term which expresses it directly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording.]

You can't agree to our original statement,

Because even though the expression "John Smith, who is chubby, never eats during the day" does not directly imply something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies, it nonetheless does do so indirectly.

[It's incorrect to say that, even though the expression "John Smith, who is chubby, never eats during the day" does not directly imply something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies, it nonetheless does do so indirectly.]

It is so,

Because the expression "John Smith, who is chubby, never eats during the day" directly denies that he eats during the day, and indirectly implies that he eats at night.

On this point, someone may come and make the following claim:

- It is not so, that the expression "John Smith, who is chubby, never eats during the day" indirectly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording,
- Because it is not true that the expression "The Brahmin drinks no alcohol" indirectly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording.

Our answer to this is, "It doesn't necessarily follow."

## 

- And it is correct to say that it is correct [to say that the expression "The Brahmin drinks no alcohol" indirectly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording],
- Because the expression "The Brahmin drinks no alcohol" neither indirectly nor directly implies something else—neither a negative in the sense of not being something, nor a positive—incidental to denying what it denies directly in the actual wording.

And this is so,

Because the expression "The Brahmin drinks no alcohol" implies nothing else—neither a negative in the sense of not being something, nor a positive—incidental to denying what it denies directly in the actual wording.

And this is so,

Because the expression "The Brahmin drinks no alcohol" must be considered a negative thing in the sense of an absence of something.

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Suppose someone comes and makes the following claim:

If something is a negative thing in the sense of not being something, then it is always such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording.

### हगायकेंशरुवा देरख्या देवेंधेरा छिनयाम्बा

Consider an unchanging thing.

So is it then [always such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording]?

Because it is [a negative thing in the sense of not being something].

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[It's not correct to say that an unchanging thing is a negative thing in the sense of not being something.]

Suppose you say that it's not correct.

Consider an unchanging thing.

It is so a negative thing in the sense of not being something,

Because (1) it is a negative thing, and (2) it is not a negative thing in the sense of being the absence of something.

[The first part of your reason is not correct: it is not correct to say that an unchanging thing is a negative thing.]

Suppose you say that the first part of our reason is not correct. Consider an unchanging thing. It is so a negative thing, Because it is unchanging.



[It's not necessarily the case that something is unchanging just because it is a negative thing.]

Suppose you say that it's not necessarily the case.

It is so necessarily the case,

Because there is no such thing as a discrete object which is a positive thing and still unchanging.

[It's not correct to say that there is no such thing as a discrete object which is a positive thing and still unchanging.]

It is so,

Because anything that is a discrete object which is a positive thing must always be a working thing.

[I agree with the original statement above: an unchanging thing is always such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording.]

You can't agree with the original statement above,

Because even though an unchanging thing is such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—it is not something that does so incidental to denying what it denies directly in the actual wording.

## नेरः त्रया हवायः लेखायदेः केवायदेः यः नवावाकेवा क्षुरः यः केदः यदे धुरा

[It's not correct to say that, even though an unchanging thing is such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—it is not something that does so incidental to denying what it denies directly in the actual wording.]

It is so,

Because [in the Tibetan] the expression "unchanging" [*takpa*] does not incorporate a negative term.

Suppose someone comes and makes the following claim:

Anything which is such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—must always be a negative thing.

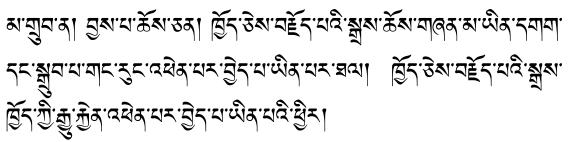
Consider a thing which is made.

So is it then a negative thing?

Because it is such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive.

[It doesn't necessarily follow.]

But you already agreed that it does follow.



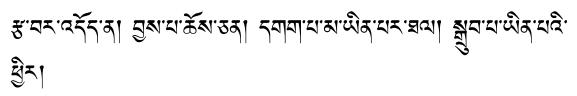
[It's not correct to say that a thing which is made is such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive].

Suppose you say it's not correct.

Consider a thing which is made.

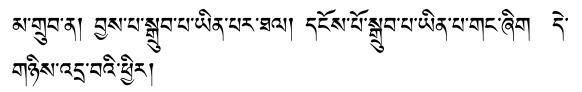
It is so such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive,

Because the term which expresses it implies that it had causes and conditions.



[I agree to your original statement: a thing which is made is a negative thing.]

Suppose you agree to our original statement. Consider a thing which is made. It is not so, that it is a negative thing, Because it is a positive thing.



[It's not correct to say that a thing which is made is a positive thing.]

Suppose you say that it's not correct.

A thing which is made is so a positive thing,

Because working things are positive things, and the two are similar cases.

# पार्छमानगरे। मुरायार्केशाउन्ना झुपायायाण्येनायायाण्येनायायाण्येनायायाण्येनायायाण्येनायायाण्येनायायाः क्षेत्रा

Suppose someone comes and makes the following claim:

Consider a thing which is made. It is not so, that it is a positive thing, Because it's a negative thing.

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Suppose you say that it's not correct [that a thing which is made is a negative thing].

A thing which is made is so a negative thing,

Because the fact that sound is something which is made is a negative thing.

And suppose you say that it's not correct [to say that the fact that sound is something which is made is a negative thing].

It is so,

Because the expression "sound is something which is made" is a thing which must be expressed in such a way that eliminates the possibility that sound could not be something which is made.

Our answer to this is, "It doesn't necessarily follow" [that, because the expression "sound is something which is made" is a thing which must be expressed in such a way that eliminates the possibility that sound could not be something which is made, then the fact that sound is something which is made must be a negative thing].

Well then, according to you physical things must be negative things, Because physical things are things such that the expression "physical things"

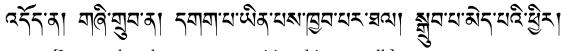
must be expressed in such a way that eliminates everything which is not a physical thing.

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[I agree physical things must be negative things.]

Suppose you agree.

So are there then no positive things at all? Because physical things are not positive things.

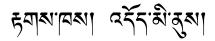


[I agree that there are no positive things at all.]

Suppose you agree.

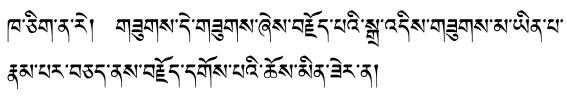
So is it then the case that anything which can be established as existing is always something negative?

Because there exist no positive things.



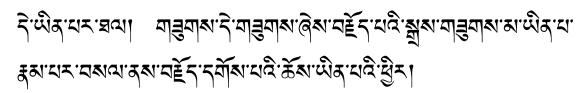
You already agreed to what we just stated as our reason.

And you cannot agree to our first statement, [that anything which can be established as existing is always something negative].



Suppose someone comes and makes the following claim:

It's not true of physical things that they are things such that the expression "physical things" must be expressed in such a way that eliminates everything which is not a physical thing.



They are so,

Because it is true of physical things that they are things such that the expression "physical things" must be expressed in such a way that excludes everything which is not a physical thing.

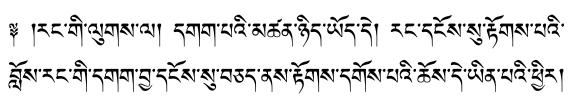
[It's not correct that physical things are such that the expression "physical things" must be expressed in such a way that excludes everything which is not a physical thing.]

It is so,

Because the expression "physical things" applies to physical things in an exclusive way.

And this is necessarily so,

Because the words "in an exclusive way" in the expression "apply to something in an exclusive way" mean that one must rely on excluding all that the particular thing is not.



Here secondly is the presentation of our own position. There does exist a definition of a negative thing, because it is the following:

A thing which must be perceived by the state of mind which perceives it directly through a process of eliminating, directly, that which it denies.

## รุสาสานาระา พิณาสาระา สุดสามิณาระา ผู้สานาสติรัสาสมิส

The four terms "negative thing," "exclusion," "exclusion of all other," and "reversal" all refer to the same thing.

Negative things may be divided into two different types: things that are negative in the sense of not being something, and things that are negative in the sense of the absence of something.

มาพิสารทุฑาฑิามสสาชิราพัราริท รราดิมาระรัฐมารราฑิราฑุฑายูา ราทุฑาดูณารูาสัมาทุตสามาพิสารทุฑารราฐาราชาตรรฐราณชิสารณิราฑุฑายา พิสารณิษิภา

There does exist a definition for a "negative thing in the sense of not being something," because it is the following:

A negative thing such that the term which expresses it implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies.

## मर्कतग्ववि के स्पेन ने क्या के मुना माने स्वेन मे

There does exist a classic example of a negative thing in the sense of not being something, for it is "sounds are [always] changing things."

એન ન્યાયાયાયા અર્થ્વ છેન અંન ના માર્ગ સ્ટ હેલ્ટ ના સ્ટ હેલ્ટ ના સ્ટ હેલ્ટ ના સ્ટ હેલ્ટ ના સ્ટ ન સ્ટ ન સ્ટ ના સ્ય

There does exist a definition for a negative thing in the sense of being an absence of something, for it is the following:

A negative thing such that the term which expresses it does not imply something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies.

## 

There does exist a classical example of a negative thing in the sense of being an absence of something, for it is the fact that no person has any nature of their own.

Negative things may be divided into five different types:

- Those which are such that the term which expresses them directly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording;
- 2) Those where the term which expresses them does this implying indirectly;
- 3) Those where the term which expresses them does this implying both directly and indirectly;
- 4) Those where the term which expresses them does this implying by context;
- 5) Those which are such that the term which expresses them implies nothing else—neither a negative in the sense of not being something, nor a positive—incidental to denying what it denies directly in the actual wording.

There does exist the first type, the kind which are such that the term which expresses them directly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording, because one would be the fact that the fact that no person has any nature of their own is true of a water pitcher.

Suppose you say that this is not correct.

- Consider this same thing.
- It is so true that it is the kind of negative thing which is such that the term which expresses it directly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording,
- Because (1) the term which expresses it denies what it denies directly in the actual wording; and (2) it also directly implies something else—either a negative in the sense of not being something, or a positive.

[The first part of the reason you gave is incorrect: it is not correct to say that the term which expresses the fact that the fact that no person has any nature of their own is true of a water pitcher denies what it denies directly in the actual wording.] But the first part of our reason is correct,

Because the expression "the fact that the fact that no person has any nature of their own is true of a water pitcher" denies, in its actual wording, the possibility that any nature of their own that belonged to some person could ever be true of a water pitcher.

[The second part of the reason you gave is incorrect: it is not correct to say that the term which expresses the fact that the fact that no person has any nature of their own is true of a water pitcher also directly implies something else—either a negative in the sense of not being something, or a positive.]

But the second part of our reason is correct,

Because the expression "the fact that the fact that no person has any nature of their own is true of a water pitcher" (1) directly implies that the fact that no person has any nature of their own exists, and (2) the fact that the fact that no person has any nature of their own is true of a water pitcher is a negative thing in the sense of not being something.

The first part of our reason is easy to accept.

Suppose you say that the second part is not correct.

Consider the fact that no person has any nature of their own.

The fact that it is true of a water pitcher is so a negative thing in the sense of not being something,

Because it can be established as existing.

There does exist the second type of negative, the kind which are such that the term which expresses them indirectly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording, because one would be the fact that John Smith, who is chubby, never eats during the day.

[It's not correct to say that the fact that John Smith, who is chubby, never eats during the day is an example of this kind of negative.]

It is so,

Because (1) the expression "John Smith, who is chubby, never eats during the day" indirectly implies that he eats at night, incidental to denying directly what it denies: that he eats during the day; and (2) his eating at night is a positive thing.

It is so,

Because eating is a positive thing.

There does exist the third type of negative, the kind which are such that the term which expresses them both directly and indirectly implies something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording, because one would be the fact that there exists a John Smith who is chubby, who doesn't eat during the day, and who is not thin.

It is so correct to say just this,

actual wording.]

Because (1) the expression "There exists a John Smith who is chubby, who doesn't eat during the day, and who has a body that is not a thin one," indirectly implies that he eats at night—and directly implies that there is a body which is not thin—incidental to denying directly that he eats during the day; and (2) the fact that there is a body which is not thin is a negative in the sense of not being something.

There does exist the fourth type of negative, the kind which is such that the term which expresses it implies through the context something else—either a negative in the sense of not being something, or a positive—incidental to denying what it denies directly in the actual wording, because one would be

where you had determined that a particular person must be either of the royal caste or the Brahmin caste, but were unsure of which; and then someone says "They are not a Brahmin." The actual wording here directly denies, in its actual wording, that they are a Brahmin, and then implies—through the context—that they are of the royal caste; and this is the process you have to go through to determine which they are.

There does exist finally that kind of negative where the term which expresses it implies nothing else—neither a negative in the sense of not being something, nor a positive—incidental to denying what it denies directly in the actual wording, because one would be the fact that a certain Brahmin does not drink alcohol.

[It's not correct to say that the fact that a certain Brahmin does not drink alcohol is a kind of negative where the term which expresses it implies nothing else—neither a negative in the sense of not being something, nor a positive—incidental to denying what it denies directly in the actual wording.]

It is so,

Because the expression "The Brahmin does not drink alcohol" implies neither directly, nor indirectly, nor by context, anything else—neither a negative in the sense of not being something, nor a positive—incidental to denying what it denies directly in the actual wording: that is, that the Brahmin did drink alcohol.

These five can be grouped into two categories: negatives in the sense of not being something, and negatives in the sense of the absence of something. This is because the first four should be considered negatives in the sense of not being something, and the last should be considered a negative in the sense of the absence of something.

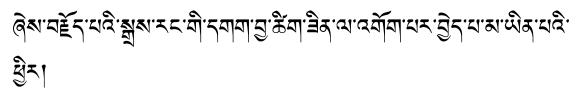
ଽ୶୶୲ଽ୲ୖ୴୶୶ଽଽଽୖଵ୶୲ଽଽୖଽଽ୲ଽ୳ୖଽୢୢଈ୶ଽଽଽୖ୶୲ଽ୶୶୲୷ୢୖଌ୕୶୲ୖଌ୶ଊ୲ୡୖୠ୕୶୲ଽ୶ ୶୲ୢୠଽ୲ଽ୲ୖ୴୶ୖୠ୲୶୲ୖ୴୶ଽୠ୲ୠ୲ଊ୲ୠୢୠ୲ଽ୶୶୲ୠୢଽ୲ଽ୶୶୲ୠୢୄ ୠଽ୲ଽ୲ୡୢୖୢଽ

It is not necessarily the case that, just because something is a negative thing, the term which expresses it denies what it denies in the actual wording. This is because this is neither necessarily the case with negatives in the sense of not being something, nor the case with negatives in the sense of being an absence of something.

[The first part of your reason is not correct: it's not correct to say that it is not necessarily the case with negatives in the sense of not being something that the term which expresses them denies what it denies in the actual wording.]

But the first part of our reason is correct,

Because—even though the two of unchanging things and knowable things are negatives in the sense of not being something—they are not such that the terms which express them [in Tibetan] deny what they deny in the actual wording.



[The second part of your reason is not correct: it's not correct to say that it is not necessarily the case with negatives in the sense of being an absence of something that the term which expresses them denies what it denies in the actual wording.]

But the second part of our reason is correct,

Because—even though the two of space and the true nature of things are negatives in the sense of being an absence of something—they are not such that the terms which express them deny what they deny in the actual wording.

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### Formal logic subject: Logical Statements that Use Natures

The following selection is from the monastic textbook entitled An Explanation of the Art of Reasoning (rTags-rigs), by the Tutor of His Holiness the Dalai Lama, Purbuchok Jampa Tsultrim Gyatso (1825-1901).

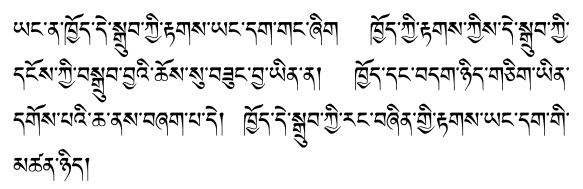
Here secondly is our explanation of correct reasons of the type that use natures. We will proceed in three steps: the definition, the divisions, and the classical examples.

Here is the first. The definition of a correct reason of the type that uses a nature is as follows:

A reason where the three relationships hold, and which utilizes a nature.

The definition of a correct reason of the type that uses a nature in any particular proof is as follows:

A reason where the three relationships hold, and which utilizes a nature, in any particular proof.



The definition of a correct reason of the type that uses a nature in any particular proof can also be defined as follows:

A reason which is (1) a correct reason in any particular proof, and (2) which is established as being this kind of reason [one that uses a nature] by virtue of the fact that anything considered the explicit quality to be proven for the particular proof in which it serves as the reason is necessarily such that to be it [the reason] is to be the quality.

Here is the second step. Correct reasons that utilize a nature can be divided into two different types: correct reasons that utilize a nature and which are such that they depend on a certain distinction, [of suggesting the thing that made it]; and correct reasons that utilize a nature and which are such they are free of dependency on a certain distinction, [of suggesting the thing that made it].

Here is the definition of the first:

A reason which is (1) a correct reason for any particular proof which utilizes a nature; and (2) which is established as being this kind of reason by virtue of the fact that the term which expresses it suggests the thing that made it.

The definition of the second is as follows:

A reason which is (1) the same as the first part just given; and (2) which is established as being this kind of reason by virtue of the fact that the term which expresses it does not suggest the thing that made it.

The first type may be further divided into two: those which suggest the thing that made them directly, and those which do so indirectly.

Here thirdly are the classical examples. "A thing which is produced by conscious effort" and "a thing which is brought about" are examples of the first type of reason, in a proof that the sound of a ritual horn is a changing thing. "A thing which is made" is an example of the second type of reason, in a proof that sound is a changing thing. "A working thing" is an example of a correct reason which utilizes a nature and which is such it is free of dependency on a certain distinction, [of suggesting the thing that made it].

A correct reason which utilizes a nature and which is employed in the proof that sound is a changing thing can also be divided in a different way. This division would be into the two of (1) correct reasons which utilize a nature and which apply to the entire group of similar cases for the proof; and (2) correct reasons which utilize a nature and which both apply and fail to apply to the group of similar cases for the proof.

Respective examples would be the reason "a thing which is made," and the reason "something characteristic of the quality of being made."

Here is a demonstration for each of these.

"A thing which is made" is the first kind of reason,

Because it is (1) a correct reason for the particular proof which utilizes a nature; and (2) it is such that, if something is a changing thing, it must always be it [that is, a thing which is made].

"Something characteristic of the quality of being made" is the second kind of reason,

Because it is (1) a correct reason for the particular proof which utilizes a nature; and (2) it is such that, if something is a changing thing, it is not necessarily it [that is, something characteristic of the quality of being made].

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### The forms of debate: Using Scriptural Authority

In Buddhist debate, we can prove a thing in two ways: we can prove it with logic, and we can prove it with scriptural authority; that is, by quoting a scripture which is accepted by the opponent. In Tibetan these two are known, respectively, as *rikpa* (*rigs-pa*) and *lung* (*lung*)—and the idea is so important that some monks (such as Khen Rinpoche's devoted attendant) are give the name "Lungrik." Quoting scripture must obviously be used with care when attempting to demonstrate something to a person who is not yet a Buddhist, since they may very well deny the authority you are quoting.

Favorite texts to quote in the monastery are the older scriptures from India: either the word of Lord Buddha himself, or the word of one of the great early Indian masters, as found in the Kangyur and Tengyur collections of the great classics of India translated into Tibetan. These are accepted by all schools of Tibetan Buddhism. In a debate between monasteries which are all of the Gelukpa tradition—such as the annual winter debates attended primarily by monks of the "Great Three" monasteries of Sera, Ganden, and Drepung—the favorite works to cite would be those of Je Tsongkapa or one of his major disciples: Gyaltsab Je, Kedrup Je, or His Holiness the First Dalai Lama.

In everyday debates at your own home monastery, you would normally quote from one of the monastic textbooks that are unique to the curriculum of each individual monastery; these are known as *yikcha* (*yig-cha*). These textbooks have developed over the last five hundred years much in the same way as the ACI course notebooks, and similar courses in the West.

The ammunition for using a quotation in the debate ground must of course be prepared in advance: no one can bring a scrap of paper into the area, and all quotations must be recited from memory. One way to get a good booing from the assembled crowd is to start a quotation and then flounder, unable to finish it from memory!

A scriptural citation is normally used to back up an assertion just given as a reason in a proof, and it is often introduced with a great flourish, emphasizing the indisputability and greatness of the source you have selected. You might see, for example, the following, where we start out with:

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Consider sound.

It is a changing thing, रे.स्ग्रेश्

Because it is something which is made.

The opponent replies with:

Your reason is wrong!

দ্বশাৰ্ষা আন্মনা

Meaning, sound is not a thing which is made. We then reply with,

Consider sound.

শ্ধার্টমান্তবা

It is so something which is made, দুরানামীর নেম স্বন্য

Because it was spoken to be that way by the High and Holy One, the Good and Glorious Kedrup Tenpa Dargye, a Master (*Ke*) Who has Found All Attainments (*Drup*), and Whose Kindness to All of Us is Infinitely High; and because His words are something that you must accept!

নন্দা তদা রমম এ নগা এ দ্বি দ্বি দেশ নি প্রেয় যায় এ নি দ্বা নি মার্য নি দ্বা নি মার্য নি দ্বা নি মার্য নি দ্ব মির্মা র মার্য নি মার্য নি দেশ নি মার্য নি দেশ নি মার্য নি মার্য নি মার্য নি দিশ নি মার্য নি মার্য নি মার্য নি ম মির্মা মার্য নি মার্য মির্মা মার্য নি মার্য মার্য নি মার্য মার্য নি মার্য মার্য নি মার্য মার্য নি মার্য মার্য নি মার্য মার্য ন্য

And he did so speak it be this way, because he did so in his *Overview* of the Perfection of Wisdom, with the following words: "When we use 'something which is made' as a reason to prove that sound is a changing thing." พิสานรายณา ริเชิราฏิพารสิมพานลาหรายิสาฐาร์สาณญา ยูพานลา ধ্রুমা

Kedrup Tenpa Dargye (1493-1568) is the principal author of the textbook series of Sera Mey; he is therefore, for the monks of Sera Mey, an indisputable authority, and his words must be accepted.

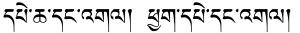
A typical strategy once an opponent has resorted to scriptural authority is to respond that, despite the fact that such a statement *was* once made by that authority, it does not necessarily prove what the opponent claims that it does. In such a case, the other side in the debate just described might come back with:

"It doesn't necessarily follow!"

দ্রিন'ম'ম'র্নু্,'

Whenever someone contradicts scripture, it's time to pull out the unique response used by monks from Sera Mey. (Other monasteries have their own slightly different version.) Here you scream the following at the top of your lungs, and then go on to the formula above:

You contradict the scriptures! You contradict the holy scriptures!



## The Asian Classics Institute Course XIII: The Art of Reasoning

## **Reading Seven: Contradiction and Relationship**

### Selection from the collected topics: Contradiction and Relationship

*The following reading consists of the* Presentation of the Concepts of Contradiction and Relationship ('Gal-'brel gyi rnam-bzhag), *from* An Explanation of the Intermediate Path of Reasoning (Rigs-lam 'bring-gi rnam-par bshad-pa), *by the Master Tutor Purbuchok Jampa Tsultrim Gyatso (1825-1901), who in his day held the position of Tutor to the Dalai Lama.* 

Please note that indented statements are usually those given by the opponent. Responses within brackets are those that are usually left unwritten in the Tibetan text, and are understood to be there because of the context following each.

Here is the first section: an explanation of the concepts of contradiction and relationship. For this presentation we will first refute the position of our opponents, then present our own position, and then finally eliminate their rebuttal.

Suppose someone comes and makes the following claim:

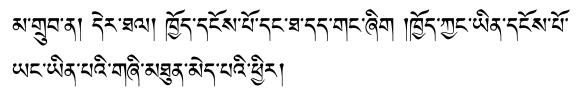
Anything which is such that being it is contradictory to being a working thing is always something which is such that being it is contradictory to being something which is such that being it is contradictory to being a working thing.

ह्यायरे केंगयां केंश उदा देन ख्या देवे केंग

Consider the exclusion of all that is not an unchanging thing.

So is being it then [something which is such that being it is contradictory to being something which is such that being it is contradictory to being a working thing]?

Because being it is [something which is such that being it is contradictory to being a working thing].



[It's not correct to say that the exclusion of all that is not an unchanging thing is something which is such that being it is contradictory to being a working thing.]

Suppose you say it's not correct.

It is so correct,

Because (1) it [the exclusion of all that is not an unchanging thing] is something distinct from a working thing, and (2) there exists no one thing which is both it [the exclusion of all that is not an unchanging thing] and a working thing.

[The first part of your statement is not correct: it's not correct to say that the exclusion of all that is not an unchanging thing is something distinct from a working thing.]

Suppose you say that the first part of our statement is not correct. Consider this same thing.

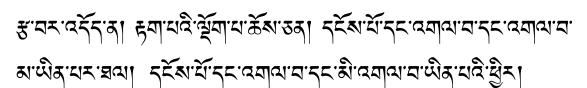
It is so distinct from being a working thing, Because it is an unchanging thing.

[The second part of your statement is not correct: it's not correct to say that there exists no one thing which is both the exclusion all that is not an unchanging thing, and also a working thing.]

Suppose you say that the second part of our statement is not correct. Consider an unchanging thing.

It is so true that there exists no one thing which is both the exclusion of all that is not it, and also a working thing,

Because it is unchanging.



[Then I agree to your original statement: the exclusion of all that is not an unchanging thing is such that being it is contradictory to being something which is such that being it is contradictory to being a working thing]

Consider the exclusion of all that is not an unchanging thing.

It is not so true, that it is such that being it is contradictory to being something which is such that being it is contradictory to being a working thing,

Because being it is something which is such that being it is not contradictory to being something which such that being it is contradictory to being a working thing.

[It's not correct to say that the exclusion of all that is not an unchanging thing is such that being it is not contradictory to being something which is such that being it is contradictory to being a working thing.]

Suppose you say it's not correct.

Consider this same thing.

It is so,

Because there does exist one thing which is both it, and which is also such that being it is contradictory to being a working thing.

สุขานาริไ ริเฉรลิเซเติพยุสาพิสานลิเซ็มไ

And this is because an unchanging thing is just such a thing.

# मिः ठैयाः नः न्ह्री सेः हयाः मः न्दरः ययायः मः ययायः मः स्वाः सः हयाः मः न्दरः ययायः मः भीत्राः सः स्वाः सः न्द ययायः न्यस्य स्वतः म्वाः

Suppose someone comes and makes the following claim:

If something is such that being it is contradictory to being something which is such that being it is contradictory to being something which is unchanging, then it is always something such that being it is contradictory to being something which is changing.

## พารลิ ผู้ญาราชสา ริรายณา ริลิ ซูรา

Consider the exclusion of all that is not a pillar.

- So is it then [something such that being it is contradictory to being something which is changing]?
- Because it is [something which is such that being it is contradictory to being something which is such that being it is contradictory to being something which is unchanging].

[It's not correct to say that the exclusion of all that is not a pillar is something such that being it is contradictory to being something which is such that being it is contradictory to being something which is unchanging.]

Suppose you say it's not correct.

Consider this same thing.

It is so,

Because it is (1) distinct from that which is such that being it is contradictory to being a changing thing, and (2) such that there does not exist a single

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thing which is both it [the exclusion of all that is not a pillar] and also something which is such that being it is contradictory to being a changing thing.

[It's not correct to say that the exclusion of all that is not a pillar is (1) distinct from that which is such that being it is contradictory to being a changing thing, and (2) such that there does not exist a single thing which is both the exclusion of all that is not a pillar and also something which is such that being it is contradictory to being a changing thing.]

Suppose you say that it's not correct.

Consider a pillar.

It is so true that there does not exist a single thing which is both the exclusion of all that is not a pillar and also something which is such that being it is contradictory to being a changing thing,

Because anything which is the exclusion of all that is not it [a pillar] is always such that being it is not contradictory to being a changing thing.

[Then I agree to your original statement: the exclusion of all that is not a pillar is such that being it is contradictory to being something which is changing.]

Suppose you agree to our original statement.

Consider the exclusion of all that is not a pillar.

It is not such, that being it is contradictory to being a changing thing,

Because it is such that being it is not contradictory to being a changing thing.



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[It's not correct to say that the exclusion of all that is not a pillar is such that being it is not contradictory to being a changing thing.]

Suppose you say it's not correct.

Consider this same thing.

It is so this way,

Because there does exist one thing which is both it [the exclusion of all that is not a pillar] and also a changing thing;

And this is true because a pillar itself is just such a thing. This reason is easy to accept.

นซิสาสาริ รรัญนัรระพิณฑณาพิสาสารรัญนัรระพิณฑณารระพิ ิจุธุญาวาพิสารสานีวารรา

Suppose someone comes and makes the following claim:

If something is such that being it is not contradictory to being a working thing, then it is always such that being it is not contradictory with being something which is not contradictory to being a working thing.

ฑาสูญาติพารราสอิสาธิพางสา ริราสณา ริลิาซิรา

Consider that which is one and the same as the two of a pillar and a water pitcher.

So is it then [such that being it is not contradictory with being something that is not contradictory to being a working thing]?

Because it is [such that being it is not contradictory to being a working thing].

มาฏุราสุ ริาธิ์มาชสุ ริรายณา ผู้ราฏราพิสุ รรัมาวักพราพิสามจากลิ พยูสาพิรานลิายิราริเ ฑาสูญาติพานิาริาราวุลาติเพยูสาพิสานลิายิรา

[It's not correct to say that that which is one and the same as the two of a pillar and a water pitcher is such that being it is not contradictory to being a working thing.]

Suppose you say it's not correct.

Consider this same thing.

It is so,

Because there does exist one thing which is both it [that which is one and the same as the two of a pillar and a water pitcher] and also a changing thing;

And this is because the two of a pillar and a water pitcher is just such a thing.

# 

If you say it's not correct, the answer is easy.

- Suppose though you agree to our original statement, [saying that that which is one and the same as the two of a pillar and a water pitcher is such that being it is not contradictory with being something which is not contradictory to being a working thing].
- Consider that which is one and the same as the two of a pillar and a water pitcher.
- It is so not something which is such that being it is not contradictory to being something which is not contradictory to being a working thing,
- Because it is something such that being it is contradictory to being something which is not contradictory to being a working thing.

[It's not correct to say that that which is one and the same as the two of a pillar and a water pitcher is such that being it is contradictory to being something which is not contradictory to being a working thing.]

Suppose you say that it's not correct.

Consider this same thing.

It is so,

Because (1) it is distinct from that which is such that being it is not contradictory with being a working thing, and (2) there exists no one thing which is both it [that which is one and the same as the two of a pillar and a water pitcher] and also something such that being it is not contradictory to being a working thing.

ચાગુરાયો ગારીયાયાયેયાર્થ્યા છેયા. છેટ્રાટે રાયાયાયાય પ્રાયમિયાયાય પ્રાયમિયાયાય પ્રાયમિયાયાય પ્રાયમિયાયાય પ્રાયમ ฉฑณาสาพราพิสานฉิาตุลิาพฐสามิรานรายณา ผู้ราพิสานามิามีรานฉิาวิมาฏา พैत्र परे भूर।

[It's not correct to say that that which is one and the same as the two of a pillar and a water pitcher is such that there exists no one thing which is both it and also something such that being it is not contradictory to being a working thing.]

Suppose you say that it's not correct.

Consider the two of a pillar and a water pitcher.

It is so true that there exists no one thing which is both it and also something such that being it is not contradictory to being a working thing,

Because it is something which no one thing can be.

[มชิญญาราร] รรัญนัรระพิณญณารระพิณญณาราพิสาญ รรัญนัรระพิ ิจฤญาวาพิสามพาฏวาริราสา

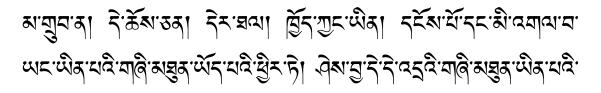
Suppose someone comes and makes the following claim:

If something is such that being it is not contradictory to something which is not contradictory to being a working thing, then it is always such that being it is not contradictory to being a working thing.

र्नेस्र सेन केंस उमा नेन खया नेने हीना

Consider a thing which does no work.

Is it then [such that being it is not contradictory to being a working thing]? Because it is [such that being it is not contradictory to something which is not contradictory to being a working thing].



ર્ષુેમ

[It's not correct to say that a thing which does no work is such that being it is not contradictory to something which is not contradictory to being a working thing.]

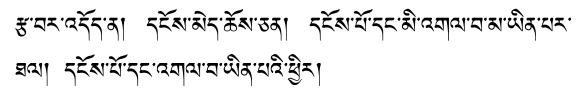
Suppose you say it's not correct.

Consider this same thing.

It is so,

Because there does exist one thing which is both it, and which is also such that being it is not contradictory to being a working thing;

And this is true because "knowable thing" is just such a thing.



[Then I agree with your original statement: a thing which does no work is such that being it is not contradictory to being a working thing.]

Consider a thing which does no work.

It is not so a thing which is such that being it is not contradictory to being a working thing,

Because it is a thing such that being it is contradictory to being a working thing.

Suppose someone comes and makes the following claim:

If something is such that being it is not contradictory to being a thing which is contradictory to being a existing thing, then it is always such that being it is contradictory to being an unchanging thing.

Consider a thing which is not made.

Is it then [such that being it is contradictory to being an unchanging thing]? Because it is [such that being it is not contradictory to being a thing which is contradictory to being a ovisting thing]

contradictory to being a existing thing].

[It's not correct to say that a thing which is not made is such that being it is not contradictory to being a thing which is contradictory to being a existing thing.]

Suppose you say it's not correct.

Consider this same thing.

It is so,

- Because there does exist one thing which is both (1) it [that is, a thing which is not made] and (2) such that being it is contradictory to being an existing thing;
- And this is true because the two of unchanging things and changing things is just such a thing.

[Then I agree with your original statement: a thing which is not made is such that being it is contradictory to being an unchanging thing.]

Suppose you agree to our original statement.

It is not so, that it is such that being it is contradictory to being an unchanging thing,

Because it is such that being it is not contradictory to being just such a thing.



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[It's not correct to say that a thing which is not made is such that being it is not contradictory to being an unchanging thing.]

Suppose you say it's not correct.

Consider this same thing.

It is so,

Because anything which is an unchanging thing is such that it is one thing which is both itself and unchanging.

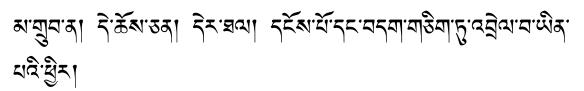
Suppose someone comes and makes the following claim:

Anytime something is such that it is sharing a relationship with a working thing, it must also always be such that it shares a relationship with what is sharing a relationship with a working thing.

Consider sharing a relationship with a working thing.

So is it then [such that it shares a relationship with what is sharing a relationship with a working thing]?

Because it is [such that it is sharing a relationship with a working thing].



[It's not correct to say that sharing a relationship with a working thing is such that it is sharing a relationship with a working thing.]

Suppose you say that it's not correct.

Consider this same thing.

It is so,

Because it shares a relationship with "working thing" such that to be it is to automatically be a working thing.

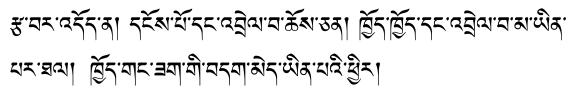
[It's not correct to say that sharing a relationship with a working thing is sharing a relationship with "working thing" such that to be it is to automatically be a working thing.]

Suppose you say that it's not correct.

Consider a working thing.

Sharing a relationship with it is so sharing a relationship with it such that to be it is to automatically be it,

Because sharing a relationship with it is (1) distinct from it, and (2) sharing a relationship with it exists.



[Then I agree with your original statement: sharing a relationship with a working thing is such that it shares a relationship with what is sharing a relationship with a working thing.]

Consider sharing a relationship with "working thing."

It is not so, that it is what shares a relationship with it,

Because it is one example of the truth that the person has no nature of his own.

Suppose someone comes and makes the following claim:

Anything that shares a relationship with a working thing always shares a relationship with the working thing such that to be it is to automatically be the working thing.

<u> न्देश मेरे मु</u>र्भेगश सु हुन्य के श रुवा नेर ख्या ने दे मुन

Consider a working thing in the moment after it.

Does this then [share a relationship with the working thing such that to be it is to automatically be the working thing]?

Because it does [share a relationship with the working thing].

[It's not correct to say that a working thing in the moment after it shares a relationship with the working thing.]

Suppose you say it's not correct.

Consider this same thing.

It does so,

Because it shares a relationship with the working thing such that it came from it.

[It's not correct to say that a working thing in the moment after it shares a relationship with the working thing such that it came from it.]

Suppose you say it's not correct.

Consider this same thing.

It does so,

Because it is a result of the working thing.



[Then I agree to your original statement: a working thing in the moment after it does share a relationship with the working thing such that to be it is to automatically be the working thing.]

Suppose you agree to our original statement.

Consider this same thing.

It is not so, that it shares a relationship with the working thing such that to be it is to automatically be the working thing,

Because it shares a relationship with the working thing such that it came from the working thing.

Our reason has already been proven.

Suppose someone comes and makes the following claim:

There exists no one thing which is both (1) something which is such that being it is contradictory to being something which is such that being it is contradictory to being one and the same as the two of a pillar and a water pitcher; and also (2) something which is such that being it is not contradictory to being something which is such that being it is not contradictory to being one and the same as the two of a pillar and a water pitcher.

But such a thing does so exist,

Because the presence of all three of the material qualities for "existing thing" is just such a thing.

[The "presence of all three of the material qualities" for any particular thing is, as we will see in Class Eight, the definition of its definition. The three material qualities are: (1) generally speaking, the thing is a definition; (2) it does apply to a typical example; and (3) it is the definition of no other thing than what it defines.]

[It's not correct to say that the first part of your reason applies to your example: it's not correct to say that the presence of all three of the material qualities for "existing thing" is the kind of thing such that being it is contradictory to being something which is such that being it is contradictory to being one and the same as the two of a pillar and a water pitcher.] But the first part of our reason is correct,

- Because there exists no one thing which is both (1) it and (2) also something such that being it is contradictory with being that which is one and the same as the two of a pillar and a water pitcher;
- And this is true because "that which can be made an object of the mind," [which is the definition of "knowable thing",] is something which is such that being it [the presence of all three of the material qualities for "existing thing"] is not contradictory to being it [one and the same as the two of a pillar and a water pitcher].

- [It's incorrect to say that the second part of your reason applies to your example: it's not correct to say that the presence of all three of the material qualities for "knowable thing" is the kind of thing such that being it is not contradictory to being something which is such that being it is not contradictory to being one and the same as the two of a pillar and a water pitcher.]
- Suppose you say that it's not correct to say that the second part of our reason applies to our example.

Consider the presence of all three of the material qualities for this same thing. It is so something which is such that being it is not contradictory to being

- something which is such that being it is not contradictory to being something which is one and the same as the two of a pillar and a water pitcher,
- Because there does exist one thing which is both (1) it [the presence of all three qualities for "knowable thing"] and (2) something which is such that being it is not contradictory to being one and the same as the two of a pillar and a water pitcher;
- And this is true because "that which can be made an object of the mind" is just such a thing.

$$[P_{1}\delta_{P}]_{A}$$
  
 $[P_{1}\delta_{P}]_{A}$   
 $[P_{1}\delta_{P$ 

Suppose someone comes and makes the following claim:

There does exist one thing which is a combination of all of the following: (1) something which is such that being it is contradictory to being something which is such that being it is contradictory to being a working thing; (2) something which is such that being it is not contradictory to being something which is such that being it is not contradictory to being a working thing; (3) something which shares a relationship with something which shares a relationship with a working thing; and (4) something which does not share a relationship with a working thing.

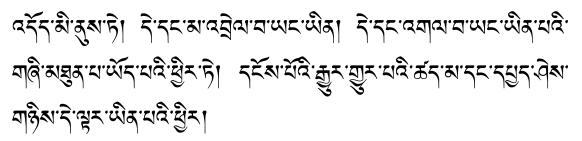
- So is something which is such that being it is not contradictory to being a working thing then just such a combination?
- Because (1) there does exist one thing which is all of those and (2) that which does not share a relationship with a working thing is not such a combination.

[The second part of your reason is not correct: it's not correct to say that that which does not share a relationship with a working thing is not such a combination.] Suppose you say that the second part of our reason is not correct. Consider that which does not share a relationship with a working thing.

- Is it then something which is such that being it is contradictory to being something which is such that being it is contradictory to being a working thing?
- Because it is just such a thing; [that is, one thing which is a combination of all the above].

[It's not correct to say it is just such a combination.]

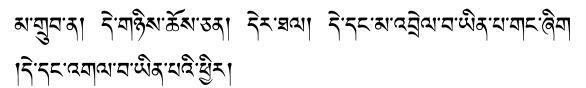
But the reason is what you've already said directly.



[Then I agree with your original statement: that which does not share a relationship with a working thing is something which is such that being it is contradictory to being something which is such that being it is contradictory to being a working thing.]

But you can't agree to our original statement,

- Because there does exist one thing which is both not related to it [to a working thing] and which is also not such that being it is contradictory to being the working thing;
- And this is true because the two of a valid perception and a recollection which act as a cause for a working thing are just such a combination.



[It's not correct to say that the two of a valid perception and a recollection which act as a cause for a working thing are just such a combination.]

Suppose you say that it's not correct.

Consider these two.

They are so,

Because they are something which is both (1) not related to a working thing,

and (2) also such that being them is contradictory to being a working thing.

<<<i>रूप्तें सुनः हो। देवे सुं भिव मवे छेर।

[The first part of your reason is not correct: it is not correct to say that the two of a valid perception and a recollection which act as a cause for a working thing are not related to the working thing.]

But the first part of our reason is correct, Because they are its cause.

गहिरायायुवाद्दे। येतायाकी द्वीतायवे विषानु येता देता

[The second part of your reason is not correct: it is not correct to say that the two of a valid perception and a recollection which act as a cause for a working thing are such that being them is contradictory to being a working thing.]

But the second part of our reason is correct, Because they are a knowable thing which cannot be.

Suppose someone comes and makes the following claim:

There is no one thing which is all of the following: (1) such that being it is contradictory to being something such that being it is contradictory to being a thing which is unchanging; (2) such that being it is not contradictory with being something such that being it is not contradictory to being a thing which is unchanging; (3) related to something which is related to a thing which is unchanging; and (4) not related to something which is not related to a thing which is unchanging.

But there does exist one thing which is all of the above, Because that which is not related to an unchanging thing is just such a thing.

भः सुनामा ने के राज्या ने प्रदेशमाले सम्रुमा भेमा मना मना मना भाषा สารราวสาณาสาพิสาสาสาราสิสา เรารรามิเวลาณาสารรามิเวลาณาสาพิสา ริ รุราลสิณาสารราลสิณาสาพิสา ริเรราสาลสิณาสารราสาลสิณาสาพิสาสลิ ধ্রুমা

[It's not correct to say that that which is not related to an unchanging thing is just such a thing.]

Suppose you say it's not correct.

Consider this same thing.

It is so just such a thing, one that combines all four;

Because it is something which is (1) such that being it is contradictory to being something that is such that being it is contradictory to being an unchanging thing; and (2) it is such that being it is not contradictory to being something which is such that being it is not contradictory to being this [unchanging thing]; it is related to what is related to this [unchanging thing]; and it is unrelated to what is unrelated to this [unchanging thing].

[The first part of your reason is not correct: it is incorrect to say that that which is not related to an unchanging thing is such that being it is contradictory to being something that is such that being it is contradictory to being an unchanging thing.]

Suppose you say that the first part of our reason is not correct.

Consider this same thing.

It is so,

- Because it is (1) distinct from this [thing that is such that being it is contradictory to being an unchanging thing], and (2) if something is it [that is, if something is something which is not related to an unchanging thing], then it must be such that being it is not contradictory with being an unchanging thing;
- And this is true because if something is it [that is, if something is something which is not related to an unchanging thing], then it cannot be distinct from an unchanging thing.

[The second part of your original reason is not correct: it is not correct to say that that which is not related to an unchanging thing is such that being it is not contradictory to being something which is such that being it is not contradictory to being an unchanging thing; it is related to what is related to an unchanging thing; and it is unrelated to what is unrelated to an unchanging thing.]

Suppose you say that the second part of our original reason is not correct. Consider that which is not related to it [that is, to an unchanging thing].

- It is so such that being it is not contradictory with being something which is such that being it is not contradictory with being it [an unchanging thing],
- Because there does exist one thing which is both (1) it [that is, something which is not related to an unchanging thing], and (2) something which is such that being it is not contradictory to being it [an unchanging thing];

And this is true because an unchanging thing is just that.

[The third part of your original reason is not correct: it is not correct to say that that which is not related to an unchanging thing is related to something which is related to a thing which is unchanging.]

Suppose you say that the third part of our original reason is not correct.

Consider that which is not related to it [to an unchanging thing].

It is so something which is related to something which is related to a thing which is unchanging,

Because it is (1) distinct from that which is related to it [to a thing which is unchanging], and (2) if there existed no things which were related to it [to a thing which is unchanging], then it could not exist either.

[The fourth part of your original reason is not correct: it is not correct to say that that which is not related to an unchanging thing is not related to something which is not related to a thing which is unchanging.]

Suppose you say that the fourth part of our original reason is not correct. Consider that which is not related to an unchanging thing.

It is so true, that it is not related to itself,

Because it is an example of a thing which has no nature of its own.

นซิสาสาริ สิ่งเฏรรรณฑณษรณิเฉสาณษรณิส สิ่งเฏรระมิ ลสาณารรราสสาณาราพราพิสา สิพาฏารราสฐิณารารราพาลฐิณาราพรา พิสา จิพาฏารรามาจาลิณาสารราจาลิณาสาพราพิสามจามดิเพยูสาพัรายราสา

Suppose someone comes and makes the following claim:

 is not contradictory to being a knowable thing; (3) something which does not share a relationship with something which shares a relationship with a knowable thing; and (4) something which shares a relationship with something which does not share a relationship with a knowable thing.

So then is something which is such that being it is not contradictory to being a knowable thing this kind of combination?

Because (1) there does exist just such a combination, and (2) something which shares a relationship with a knowable thing is not such a combination.

You have already agreed directly to the first part of our reason. Suppose then you say that the second part is not correct.

Consider something which shares a relationship with a knowable thing.

So is it then something which is such that being it is contradictory to being something which is such that being it is not contradictory to being a knowable thing?

Because it is just such a combination.

You have already agreed directly to the reason.

But you cannot agree to our original statement here,

Because it [something which shares a relationship with a knowable thing] is something which is such that being it is not contradictory to being something which is such that being it is not contradictory to being this thing;

- And this is true because there does exist something which is both (1) it [that is, something which shares a relationship with a knowable thing] and (2) something which is such that being it is not contradictory to being that [knowable thing];
- And this is true because that which is one and the same as a water pitcher is just such a combination.

[Then I agree to your original statement: something which shares a relationship with a knowable thing is something which is such that being it is contradictory to being something which is such that being it is not contradictory to being a knowable thing.]

Consider something which is such that being it is not contradictory to being a knowable thing.

So is it then something which does not share a relationship with something which does share a relationship with a knowable thing?

Because it is just such a combination.

You've already agreed directly to the reason.

You can't agree to our original position,

- Because it [something which is such that being it is not contradictory to being a knowable thing] is something which does share a relationship with something which does share a relationship with a knowable thing;
- And this is because (1) it is distinct from something which does share a relationship with a knowable thing, and (2) if the thing with which it shares a relationship ceased to exist, then it would itself cease to exist.

हनारा हा नियाता जात्र था ही उत्रयु मुख्र महेरा हुरा हा हिया का ही जाता ही की से साम हिया का ही जाता ही की से स ทาสารราสฤณาสารรามิเลสุณาสาพราพิสุปริเรรามิเลสุณาสารราสสุณาสา

The reason we've given is easy to accept. Suppose, relative to this same point, someone comes and says:

- It is so, that there does exist a typical example which incorporates all the conditions stated.
- Because there does exist one thing which is (1) something which is such that being it is not contradictory to being something which is such that being it is contradictory to being a pillar; (2) something which is such that being it is contradictory to being something which is such that being it is not contradictory to being this same thing; (3) something which does not share a relationship with something which does share a relationship with this same thing; and (4) something which does not share a relationship with something which does not share a relationship with this same thing.

Our answer to this is, "It doesn't necessarily follow."

The reason, by the way, is itself true, for something which is such that being it is contradictory to being a pillar is just this kind of combination.

[It's not correct to say that something which is such that being it is contradictory to being a pillar is just this kind of combination.]

Suppose you say it's not correct.

Consider something which is such that being it is contradictory to being a pillar.

It is so just such a combination,

Because it is (1) something which is such that being it is not contradictory to being something which is such that being it is contradictory to being a pillar; and (2) it is something which is such that being it is contradictory to being something which is such that being it is not contradictory with being this thing [a pillar], (3) it is something which does not share a relationship with what does share a relationship with this thing [a pillar], and (4) it is something which shares a relationship with what does not share a relationship with this thing [the pillar].

The first and second elements in our reason are easy to accept. Suppose you say that the third is not correct.

Consider this same thing [something which is such that being it is contradictory to being a pillar].

It is so something which does not share a relationship with something which does share a relationship with this thing [the pillar],

Because it is not necessarily the case that, if something which did have such a relationship ceased to exist, it too would have to cease to exist;

And this is true because a place where there is no pillar is an example of that.

# ह्याश्वायत्वेभाषायाु्चया गामानम्यव्यायायार्केश्वाख्या नेपनम्यव्येयायपन् वर्द्येयायाय्येवायम्यवया नेपनम्यव्येयायानम्यवयान्यात्वया निपनम्य वर्द्येयायाय्येनग्वा हिन्येनप्रयोग्ध्यययेष्ट्रीमा ह्याश्वाक्या

Suppose you say that the fourth element in our reason is not correct.

Consider something which is such that being it is contradictory to being a pillar.

- It is so something which shares a relationship with something which shares no relationship with a pillar,
- Because (1) it is distinct from something which shares no relationship with a pillar; and (2) if something which shares no relationship with a pillar ceased to exist, it too would have to cease to exist.

# 

Suppose someone comes and makes the following claim:

If something is such that being it is not contradictory to being something which is such that being it is contradictory to being something which is not contradictory, then it must always be something which is such that being it is not contradictory to being something which is contradictory.

## वमावायते र्खेमाय के शाख्या देन खाया देवे रहेना

Consider the exclusion of all that is not something which is contradictory.

- So is it then [something which is such that being it is not contradictory to being something which is contradictory]?
- Because it is [something which is such that being it is not contradictory to being something which is such that being it is contradictory to being something which is not contradictory].

[It's not correct to say that the exclusion of all that is not something which is contradictory is something which is such that being it is not contradictory to being something which is such that being it is contradictory to being something which is not contradictory.]

Suppose you say it's not correct.

Consider this same thing.

It is so,

- Because there does exist one thing which is both it, and also a thing which is such that being it is contradictory to being something which is not contradictory.
- And this is because being something which is contradictory is just such a thing.

[Then I agree with your original statement: the exclusion of all that is not something which is contradictory is such that being it is not contradictory to being something which is contradictory.]

Suppose you agree with our original statement.

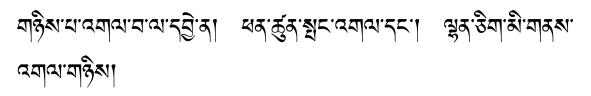
- Consider this same thing [the exclusion of all that is not something which is contradictory].
- It is not so something which is such that being it is not contradictory to being something which is contradictory,
- Because (1) it is distinct from something which is contradictory, and (2) there is no one thing which can be both it and something which is contradictory;

And this is because being contradictory is not something which is contradictory.

Here is the second part, where we present our own position. We proceed in two steps, covering the definition of what it is to be in contradiction, and then the different types of contradiction.

Here is the definition of what it is for two things to be in contradiction:

The two things must (1) be distinct from each other, and then they must be such that (2) it is impossible for any one thing to be both of them.



There are two different ways of being in contradiction: contradictory in the sense of being mutually exclusive; and contradictory in the sense of being diametrically opposed.

The definition of the first of these, to be contradictory in the sense of being mutually exclusive, is as follows:

Two things which conflict with each other in such a way that the presence of one automatically means the absence of the other.

The two terms "contradictory in the sense of being mutually exclusive" and "contradictory" refer to the same thing.

Things which are contradictory in the sense of being mutually exclusive may be further divided into two types: those which contradict each other in this way directly; and those which contradict each other in this way indirectly.

The definition of things which contradict each other in this way directly is "Two things which conflict with each other directly." The definition of things which contradict each other in this way indirectly is "Two things which are such that no one thing can be both, but which are not such that one immediately obviates the other."

A typical example of the first would be something like the two of "working thing" and "a thing which does no work." A typical example of the second

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would be "heat" and "coldness," or else "the state of mind which holds that things have some nature of their own" and "the wisdom which realizes that nothing has a nature of its own."

गहिरायकी कुनायरानुगहिरानुरामुक्रे कुनाय कार्या कुनाय कि มิ พาสุพ จาก พาสิ) พธัส จิา

Here is the definition of the second kind of contradiction—of things which are contradictory in the sense of being diametrically opposed:

Two things which conflict with each other in such a way that each one acts to stop the continued existence of the other.

# मक्तरमविन्दी मनिर्ने र्येन्ट्र श्वट मुन्मनिर्मा सुन्दु

A typical example would be a spiritual antidote and the negative personal quality which it allows you to eliminate.

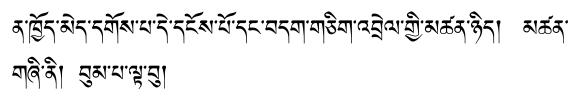
The definition of what it is to share a relationship with something else in such a way that to be the first is to automatically be the other is as follows:

Whenever two existing things are such that, to be the first is by nature to be the second, but in such a way that they are separate things; and where—if the second were to cease to exist—then the first would have to cease to exist as well.

# मर्कतग्वालिन्दी नुमायान्दानुमायादे र्थेवायास्नुनु

An example would be the relation between a vase and the exclusion of all that is not the vase.

พุติณาฐาสา รรัพนี้ราวการทาชิราพุธิพานนิร์ส์เสพายารา รรัพนี้พิรา



Here is an actual application of the concept. The definition of what it is to share a relationship with "working things" in such a way that to be a particular thing is to automatically be a working thing is "something which is such that to be it is by nature to be a working thing, but in such a way that they are separate things; and where—if 'working things' were to cease to exist, then the particular thing would have to cease to exist as well." A typical example here would be a water pitcher.

The definition of what it is to share a relationship with something else in such a way that the first has come from the second is as follows:

Whenever two things are such that to be the first is to be the kind of thing which is the result of the second, in such a way that to be the first is not to be, by its very essence, the second.



A typical example would be the relationship of one coming from the other between those things which are a working thing the moment after it, and the original working thing.

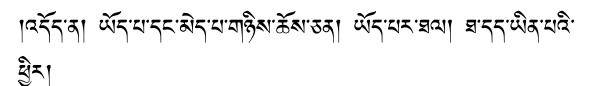
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Here is the final part: eliminating our opponent's rebuttal. Suppose someone comes and makes the following claim:

Consider the two of existence and non-existence. So are these then two things which are discrete from one another, and which are such that no one thing can be both? Because they are two things which are contradictory.

To this we answer, "The statement you gave as your reason is not correct."



Suppose you do agree [that the two of existence and non-existence were two things which are both discrete from one another, and which are such that no one thing can be both].

Consider the two of existence and non-existence. Are they then something which exists? Because they are discrete from one another.



Suppose someone comes and makes the following claim:

Consider smoke. It is so then a relationship where one thing has come from another, Because it shares a relationship with fire such that it has come from the other.

To this we answer, "It doesn't necessarily follow."

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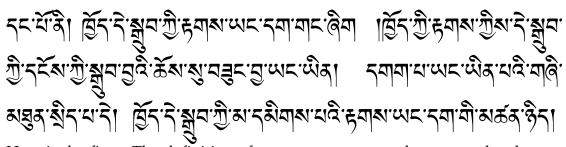
[Please note that this section continues, but was not translated due to the quantity of material.]

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## Formal logic subject: Logical Statements Used to Prove an Absence of Something, and the First Category of this Type of Statement

The following selection is from the monastic textbook entitled An Explanation of the Art of Reasoning (rTags-rigs), also by the Tutor of His Holiness the Dalai Lama, Purbuchok Jampa Tsultrim Gyatso.

Here thirdly is our discussion of correct reasons of the type used to prove the absence of something. We will proceed in three parts: the definition, an explanation of the divisions, and a description of the valid perception where we confirm that the definition applies to a typical example.



Here is the first. The definition of a correct reason used to prove the absence of something in any particular proof is as follows:

Any reason which is (1) a correct reason for the particular proof; and (2) such that there can exist one thing which is both (a) the explicit version of the thing which is considered the quality to be proven in the particular proof in which it acts as the reason, and also (b) a negative thing.

# สาชิพานามารณิสาพานนิาสุสาพานนารสาณารสิาสา ณิาฐนามารณิสาพานนิ สุสาพานนารสารรา สนารุนามารณิสาพานนิาสุสาพานนารสาสาชิพา

Correct reasons to prove the absence of something can be divided into two types: correct reasons for the absence of something involving a thing which is imperceptible [to the particular opponent], and correct reasons for the absence of something involving a thing which is perceptible [to the particular opponent].

Here is the first. Now there is a sutra where it says,

No person should ever judge another; those who try will fall.

The point of these words is to show us how wrong it is for us to say that someone else lacks any particular good quality, only because it does not appear to us that they do. This same point is made in the *Commentary* with lines such as the following:

In a case where valid perception has yet To engage in the object, the result obtained Is that they don't: they didn't engage.

The definition of a correct reason used to prove the absence of something involving a thing which is imperceptible in any particular proof is as follows:

Any reason which is first of all a correct reason used to prove the absence of something for the particular proof, and which is secondly such that—even though the thing which is considered the main element of all which is denied by the proof in which it serves as the reason does generally exist—this thing is imperceptible to the valid perceptions of a person for whom this same reason fulfills its role in the relationship between the subject and the reason.

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This kind of reason can be further divided into two types: a correct reason used to prove the absence of something in a particular proof, by virtue of the absence of a corollary which possesses a relationship [with whatever is denied]; and a correct reason used to prove the absence of something in a particular proof, by virtue of the presence of a corollary which is contradictory [to whatever is denied].

Here are the respective definitions. The first is defined as:

Anything which is first of all a correct reason in a particular proof for the absence of something involving a thing which is imperceptible, and which is secondly a negative in the sense of being the absence of something.

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Anything which is first of all a correct reason in a particular proof for the absence of something involving a thing which is imperceptible, and which is secondly either a negative in the sense of not being something, or a positive.

The first of these can be divided into three types: those which are correct reasons used to prove the absence of something which represent (1) a cause for something involving a thing which is imperceptible; (2) a greater set than something involving a thing which is imperceptible; and (3) a nature of something involving a thing which is imperceptible.

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Here are respective typical examples for the three. Suppose someone sets forth the following logical statement:

Consider the place in front of us.

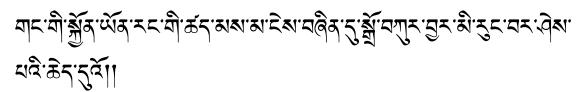
- There cannot exist here, in the mental continuum of a person for whom flesheater spirits [another word for a *preta*, or tormented spirit] are still abstruse objects, a recollection whose object corresponds to reality, and which is used to ascertain the existence of a flesheater spirit;
- Because there does not exist, in the mental continuum of this same person, any valid perception wherein he or she perceives any flesheater spirit.

Think of this fact: that there does not exist, in the mental continuum of this same person, any valid perception wherein he or she perceives any flesheater

spirit. This represents the first type of reason just listed—for proving the fact that, in the place in front of us, there cannot exist, in the mental continuum of a person for whom flesheater spirits are still abstruse objects, a recollection whose object corresponds to reality, and which is used to ascertain the existence of a flesheater spirit.

Think now of the fact that a person for whom flesheater spirits are still abstruse objects has not yet perceived, with a valid perception, the fact that flesheater spirits exist. This represents the second type of reason just listed—for proving the fact that, in the place in front of us, it would be improper for a person for whom flesheater spirits are still abstruse objects to swear that flesheater spirits do exist.

Think finally of the fact that—in the mental continuum of a person for whom flesheater spirits are still abstruse objects—there cannot be perceived, with any valid perception, a recollection whose object corresponds to reality, and which is used to ascertain the existence of a flesheater spirit. This represents the third type of reason just listed—for proving the fact that, in the place in front of us, there does not exist, in the mental continuum of just such a person, any recollection whose object corresponds to reality, and which is used to ascertain the existence of a flesheater spirit.



There is a specific purpose to these kinds of proofs. We are demonstrating here that, if a person still doubted whether flesheater spirits existed (and if they were thus still objects which were abstruse for them), then it would be inappropriate for them to come to some definite conclusion in their own minds about whether these spirits existed or not. We are meant by this example to realize how inappropriate it is for us to either overestimate or underestimate any particular person we may encounter, unable as we still are to confirm—through a valid perception—whether or not they do in reality possess a particular positive or negative personal quality.

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It is not necessarily the case, by the way, that if something is what we consider the main element in all that we deny in a particular logical statement, then it is also all that we deny in the same statement. Think of the possibility that there did exist, in the mental continuum of a person for whom flesheater spirits are still abstruse objects, a recollection whose object corresponds to reality, and which is used to ascertain the existence of a flesheater spirit. This is both what we consider the main element in all that we deny, and also all that we deny, in a proof that there does not exist any such recollection whose object corresponds to reality. The two of (1) flesheater spirits themselves, and (2) states of recollection whose objects correspond to reality, and which are used to ascertain the existence of such spirits, are—each of them separately—a kind of case where something is what we consider the main element in all that we deny in the particular logical statement, but not all that we deny in the particular logical statement.

The former example is easy. Suppose though that you say that the latter two are incorrect.

- Consider then (1) flesheater spirits themselves, and (2) states of recollection whose objects correspond to reality, and which are used to ascertain the existence of such spirits.
- These are so—each one of them separately—things that we consider the main element in all that we deny in the particular logical statement,
- Because a correct opponent for this particular proof doubts whether or not flesheater spirits exist in the place in front of us, and also doubts whether or not there exists any such kind of recollection whose object corresponds to reality.

Neither one of these is though, by itself, all that we deny in the particular logical statement, because generally speaking there do exist flesheater spirits; and because smoke is not all that we deny in a proof that there exists no smoke upon the nighttime ocean.

Consider the fact that [the person described here] exists. This is an example of a correct reason used to prove the absence of something in a particular proof, by virtue of the presence of a corollary which is contradictory [to whatever is denied], for proving that a person for whom flesheater spirits are still abstruse objects still has no recollection which ascertains the existence of such spirits, and whose object corresponds to reality.

Generally speaking, there are three different ways in which an object can be abstruse, relative to your state of mind. These are objects which are abstruse by virtue of the place, time, and nature. The first would be something like the details of particular beings or realms which are situated at a great distance from your particular location. The second would be something like the details of events which have occurred or are going to occur at times which are eons away in the past or future. These things are not abstruse in their own general right, but only relative to a given state of mind. The third would be something which is abstruse by virtue of being very subtle in nature, even though it may exist in the immediate proximity. Examples of this would be things like a flesheater spirit, or a being between death and rebirth who is headed towards birth as a human or pleasure being, and their various heaps.

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### Course XIII: The Art of Reasoning Reading Seven

# *The forms of debate:* **Some Debating Tactics**

The exquisite boxing style of Muhammed Ali showed the value of distracting and harassing your opponet before even throwing a punch, and we use some of the same tactics in a Buddhist debate. Again remember though, that the goal is not to defeat your opponent, but to help him and yourself and the audience listening; to sharpen his ability to concentrate under pressure, and to raise challenging questions that will clarify everyone's understanding of the life-saving Dharma.

Almost every normal debate begins with the attacker taking a mistaken position, and this is perhaps the most important tactic of all. The greatest geshes and debaters in the monastery have overcome any kind of pride, and are fearless in taking a position which is mistaken—a position where they will eventually have to "lose"—if this means that the defender and the audience will learn some important point. The goal here is to take a position which is *almost* correct, and very subtly mistaken: this will make for a fun debate, and clear up this point for everyone.

Feigning is another common tactic in boxing and debate. Hutzpah is essential: even if you're not sure your answer is correct, act like it is. Let the other person prove you wrong logically, and you'll both learn something valuable. Even if you can't hear the opponent's position clearly (which is a common occurrence in the incredibly noisy debate grounds!), or you don't have much clue of what he's talking about, take a shot! It starts a lively debate, which sooner or later clarifies every detail of the issue. The point is: always work from what you honestly think, answer to the best of your current understanding, and don't be afraid to go on a journey with your opponent, even through some dark or fuzzy places in your understanding, to reach to the higher ground of knowledge.

Don't be afraid to use the audience to help you distract or disrupt your opponent. Many an unbeatable position is overthrown in the monastery simply by the (mistaken) boos of the audience, egged on by the attacker. Here there are a whole repertoire of distracting taunts, which are fair game in the rules of debate. We will list a few of them following—please note though that the exact meaning of the words used has often been obscured over the centuries; the meanings given here are sometimes "best guesses" offered to us in an informal interview by the most qualified master in the world, Khen Rinpoche Geshe Lobsang Tharchin.

One common taunt is *Whoa!* The attacker either feels or feigns great surprise at a position taken by the defender, and begins a loud *whoa* sound. This is

picked up by the monks in the immediate vicinity who are following the argument, and quickly spreads to the "deadheads" in the back (who are often engaged in some conversation of their own and not listening) and even to monks in other debate groups in the compound—all of whom have no idea what the defender even said that he deserves a *whoa*! This *whoa*! generally means "Uh-oh! Now you're in trouble!"

In the winter debates, the *whoa* can be followed by a loud *chir!* This is most often used when an argument has been presented to a defender and he finds himself unable to formulate an answer; it has the meaning of "Come on! We want an answer!" A common corrolary in smaller groups is for the attacker himself to say to a speechless defender, *labda!*—"Come on! Say something!" Some people say that the *chir!* is *che!*—meaning "Your argument has stalled now!" The spellings of these three in Tibetan are:



A screamed *ha!* has the same meaning as in English, "Wow! What a joke! Are you kidding?" It is often accompanied by throwing your hands up in the air.

*Tsa!* is one of the most common taunts; it comes from the word *ngo-tsa*, meaning "You should be ashamed to have said such a stupid thing!" and is typically used when someone is forced to retract a position they have taken themselves earlier. This is most often accompanied with a slap of the back of one hand in the palm of another, with everything repeated a few times for emphasis: *Tsa! Ooooh tsa! Tsa chik!* ("You should be ashamed! Ashamed, man! What a disgrace!"). At this point a debater might scowl at his opponent and jam his finger in his own cheek, meaning: "Time for you to blush, man!" Some people say the *tsa* is the *tsar* in *ngo-tsar*, meaning, "Man! That was a weird thing to say!" These words in Tibetan are:



Two more taunts are more based in formal logic than in tactics. The first is *kyappa long*, which literally means, "Give me your statement of necessity then!" This is used in a context like the following, with the indented portion from the opponent:

Consider sound. It must so be a changing thing, Because it's a thing which is made. And that's true because anything which is made is always a changing thing.

It's incorrect to say that.

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Give me your statement of necessity then!

দ্রিন'ম'র্মের্মা

At this point, the opponent would be forced to give the following absurd statement of necessity:

Just because something is a thing which is made doesn't prove that it's a changing thing.

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A final rejoinder is *korsum!* or *kordhi korsum!* This means "You have just made a circular argument," or "Now you have contradicted yourself completely!" A typical case would be where the opponent accepts that sound is a made thing, and accepts that if something is made it must be a changing thing, but stubbornly asserts still that sound is an unchanging thing. In the second version of this statement, the root syllable for the mantra of Gentle Voice (Manjushri, or Jampel Yang) is interjected. The Tibetan spellings for these are:

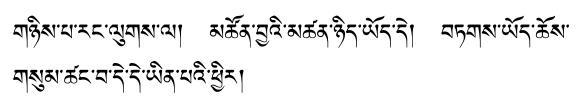
Defenders have a few tactics of their own, one of the most useful being *ah*? or *la*?—meaning "Whaddya say? I couldn't catch what you said." Then you put your cupped palm up to your ear as if you're having a problem hearing the attacker in all the mayhem of the debate ground. This is a great way to buy a few extra moments while you formulate your answer!

## The Asian Classics Institute Course XIII: The Art of Reasoning

## Reading Eight: Definitions and the Things They Define

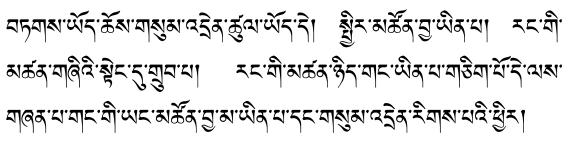
### Selection from the collected topics: **Definitions and the Things They Define**

The following reading consists of the Presentation of Definitions and the Things They Define (mTsan-mtson gyi rnam-bzhag), from An Explanation of the Elementary Path of Reasoning (Rigs-lam chung-gi rnam-par bshad-pa), by the Master Tutor Purbuchok Jampa Tsultrim Gyatso (1825-1901), who in his day held the position of Tutor to the Dalai Lama.



Here secondly is our own position. There is a definition of something defined, because it is the following:

A case where all three of the nominal qualities are present.



There is a way of enumerating these three "nominal qualities," because the following is a correct list of the three:

### Course XIII: The Art of Reasoning Reading Eight

- 1) Generally speaking, the thing should be something to be defined;
- 2) It should apply to some definitive example for it; and
- 3) It should be something defined only for whatever its definition is, and not for any other.

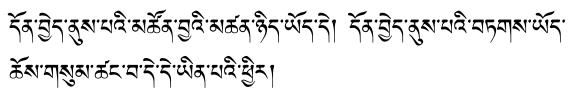
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There is a definition of a definition, because it is the following:

A case where all three of the material qualities are present.

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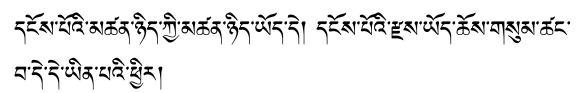
- 1) Generally speaking, the thing should be a definition;
- 2) It should apply to some definitive example for it; and
- 3) It should be a definition for nothing other than the thing it defines.



There does exist a definition of what "that which performs a function" defines, because it is the following:

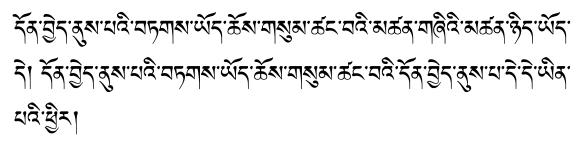
That case where all three of the nominal qualities pertaining to "that which performs a function" are present.

There is a way of enumerating these three "material qualities," because the following is a correct list of the three:



There does exist a definition of the definition of a working thing, because it is the following:

That case where all three of the material qualities pertaining to "working thing" are present.



There does exist a definition for a definitive example where all three of the nominal qualities for "that which performs a function" are present, because it is the following:

That case of "that which performs a function" where all three of the nominal qualities for "that which performs a function" are present.

There is a definitive example of such a thing, because a working thing would be one.

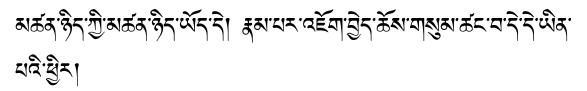
There is an alternate definition for something to be defined, because it is the following:

A case where all three of the qualities for being establishing as something are present.

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There is a way of enumerating these three qualities for being established as something, because the following is a correct list of the three:

- 1) The thing should be something to be defined;
- 2) It should not be something defined for any other definition than its definition; and
- 3) It should be possible with whatever we are considering a definitive example.



There is also such a definition for a definition, for it is the following:

A case where all three of the qualities for establishing something are present.

There is a way of enumerating these three qualities for establishing something, because the following is a correct list of the three:

- 1) The thing should be a definition;
- 2) It should not be a definition for any object to be defined other than the one it defines; and
- 3) It should be possible with whatever we are considering a definitive example.

There is also such a definition for a definitive example, because it is the following:

An example which typifies the object to be defined for the particular definition in question.

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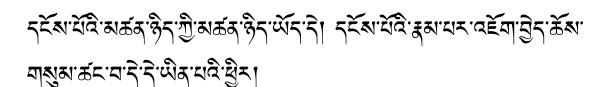
We can illustrate these with a specific case. There is a definition for the object defined by "that which performs a function," because it is the following:

A case where all three of the qualities for establishing something through "that which performs a function" are present.

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There is a way of enumerating these three qualities for being established as something by "that which performs a function," because the following is a correct list of the three:

- 1) The thing should be something to be defined by "that which performs a function";
- 2) It should not be something defined for any other definition than "that which performs a function"; and
- 3) It should be possible with whatever we are considering a definitive example of the thing to be defined by "that which performs a function."



There is a definition for the definition of a working thing, for it is the following:

A case where all three of the qualities for establishing something as a working thing are present.

There is a way of enumerating these three qualities for establishing something as a working thing, because the following is a correct list of the three:

- 1) The thing should be a definition for "working thing";
- 2) It should not be a definition for any object to be defined other than "working thing"; and
- 3) It should be possible with whatever we are considering a definitive example for the definition of a working thing.

There is also such a definition for a definitive example of a working thing, because it is the following:

An example which typifies the working thing defined by "that which performs a function."

There does exist a definitive example, since a water pitcher would be one.

Generally speaking, definitions may be divided into two types: (1) definitions which disallow dissimilar types; and (2) definitions which disallow wrong ideas.

An example of both of these would be something like:

A state of mind which is (1) a fresh, unerring perception, and (2) which is free of conceptualization and also unmistaken.

This is a definition which is both kinds: one which disallows dissimilar types, and one which disallows wrong ideas. And this is because it is (1) a definition which disallows dissimilar types, and (2) a definition which disallows wrong ideas.

The first element mentioned is correct, because those states of mind which are dissimilar to direct valid perception are limited to precisely two: perceptions which are not valid, and deductive valid perceptions; while perceptions which are not valid are disallowed by the part of the definition that says, "fresh, unerring perception," and deductive perceptions are disallowed both by the reference in the definition to "free of conceptualization" and also by the reference to "unmistaken."

The second element mentioned is correct, because—although the references to "free of conceptualization" and to "unmistaken" each by themselves disallow dissimilar types—they each address a different wrong idea, and so both "free of conceptualization" and "unmistaken" are mentioned, to disallow these wrong ideas. Something like the sense perception where one moon appears to be two is also a state of mind free of conceptualization, and so someone might wonder whether it's a direct valid perception; and so the part about "unmistaken" is added to disallow this wrong idea. The [non-Buddhist] Logician School (the Nyayika) believe that direct perception is a kind of conceptualization; the part about "free of conceptualization" is added to disallow their wrong idea.

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Formal logic subject: Reasons for the Absence of Something Which Involve Something Perceptible

The following selection is taken from An Explanation of the Art of Reasoning (rTags-rigs), also by the great tutor, Purbuchok Jampa Tsultrim Gyatso.

There are two parts to our explanation of a correct reason for the absence of something which involves something perceptible [to the opponent]: the definition, and the divisions.

Here is the first. The definition of a correct reason for the absence of something which involves something perceptible is the following:

That thing which is both (1) a correct reason for the absence of something in a particular proof; and (2) such that the thing which is considered the main element of all which is denied by the proof is not an abstruse object to the person for whom this same reason fulfills its role in the relationship between the subject and the reason.

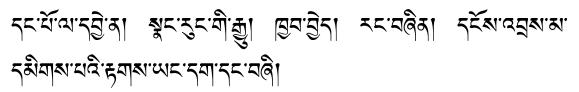
This type of reason may be divided into two types: a correct reason used to prove the absence of something perceptible in a particular proof, by virtue of the absence of a corollary which possesses a relationship [with whatever is denied]; and a correct reason used to prove the absence of something perceptible in a particular proof, by virtue of the presence of a corollary which is contradictory [to whatever is denied].

Here are the respective definitions of these two different types. The definition of the first is:

That thing which is both (1) a correct reason used to prove the absence of something perceptible in a particular proof and (2) a negative thing in the sense of being an absence of something.

The definition of the second is:

That thing which is both (1) a correct reason used to prove the absence of something perceptible in a particular proof and (2) either a negative thing in the sense of not being something, or a positive thing.



The first may be divided into four different types: those reasons for the absence of something where the reason involves a cause, a comprehensive set, a nature, or an immediate result.

Respective definitions of these four are as follows. The first is defined as "A reason for the absence of something perceptible where the three relationships hold, and where this reason represents a cause." This same pattern holds for the other three.

Respective typical examples of the four are as follows. The first would be "there is no fire there," used as a reason to prove that there is no smoke on the surface of a [totally dark] nighttime ocean.

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An example of the second would be "there are no trees there," used as a reason to prove that there are no juniper trees on the surface of a barren rock crag where no trees can be perceived by a valid perception.

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An example of the third would be "no water pitchers can be perceived there by a valid perception," used as a reason to prove that there are no water pitchers in a particular place where no water pitchers can be perceived with a valid perception.

An example of the fourth would be "there is no smoke, its immediate result, there"—used as a reason to prove that there the immediate cause of some smoke does not exist atop a particular wall which is totally devoid of any smoke.

### \*\*\*\*\*

# *The forms of debate:* **Different Types of Ceremonial Debates**

The setting for debate in Tibetan Buddhism ranges from the intimate to highly ceremonial debates before thousands of assembled monks. Walking around Sera Mey Monastery at any given time of the day or night, you can hear the sound of heated arguments and the slap of hands floating out of any window, or from atop any of the flat roofs of most of the buildings, as friends or classmates challenge each other in spontaneous debates that go wherever their fancy takes them. Khen Rinpoche Geshe Lobsang Tharchin has often said that the reason he attained the highest standing among the highest ranks of geshes in the year he graduated was because of the constant exchange between him and his roommate, the great geshe Jampel Sengge, who went on in later years

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to become the teacher of Guiseppe Tucci, one of the greatest Tibetologists of history.

Debate is often used in a private scripture class. Student monks in a Tibetan monastery may visit the classes of different teachers throughout their career, and choose the one who most fits their own needs. At any given time for the sophomore class, for example, there may be three or four great teachers instructing different groups of its members. Classes normally take place early in the day—the teacher reads through a few pages of scripture with the students, constantly throwing in pieces of debate about difficult questions. It is very common for the teacher to take the role of the attacker, and then all the students to yell back in unison, as a defender. Then by evening the students are prepared to debate the topic of the day, having reviewed it themselves in their own rooms during the afternoon.

As mentioned before, the first debate of the evening for any particular monk in the geshe program is a "one-on-one" with another young monk, chosen by wandering around the monastery debate park until you catch the eye of someone you think might be good. (It feels much like a high-school dance!) If the other monk is from a lower class, you get to review what you learned before; if he's from a higher class, you get to explore something you will be studying within a year or two.

Later on in the evening the monks bunch up into class groups, clustered around a single attacker and one to three defenders. The subject here will follow the readings of your class for the week, whether it be the perfection of wisdom (*prajnya paramita*), middle-way philosophy (*madhyamika*), vowed ethics (*vinaya*), logic (*pramana*), or higher knowledge (*abhidharma*).

Once a week, two entire classes challenge each other on a rotating basis, in a debate called *damcha (dam-bca')*, a word which literally means "a position taken." One class selects two of their best members to defend; and they come first and seat themselves on a special platform at the head of the debate park. These two will be the only defenders for the whole night, although their classmates are allowed to shout out helpful answers, and jibes at the attackers from the other class.

The attack begins with one of the senior members of the other class, who rises and raises the first question. He continues to a certain point, often decided by the debate master, when the next member of the class by seniority rises to pose a different question. If the debate is particularly hot, other members of the class leap up to throw in their own points, and before long there is a wonderful scene of a whole row of students screaming great questions, often in perfect unison. (It looks a little like a chorus line!) This again is a great opportunity for the older class to review their knowledge, while members of the younger class get to hear arguments inevitably referring to the more advanced subject which the older class is on at the time. *Damcha* debates can continue into the wee hours of the night, until the debate master pulls the debaters off each other. Most of the monks wander home, while a group of diehards might go on in a cluster in some corner of the debate park, sometimes until dawn.

Two or three times a year, all monks in the geshe program are required to attend a *gyuktru (rgyugs-sprod)* or "examination" debate. This is to test their progress in their studies before a board made up of the abbot, the debate master, and a number of senior geshes. Each monk will have an opportunity both to defend on one question, and to attack on another. These debates are very brief and heated, since each side knows they only have a few minutes to demonstrate their ability before the debate master calls a truce and the next pair begins (there are hundreds of students to get through in only a few days). The question of who will qualify for the geshe and other degree examinations is primarily based on the scores from these regular exams.

The degree examinations are the most critical and ritualized debates, and all of them are also called *damcha*. The first major degree exam in a monk's career is the *rikchung* examination; appearing for such an examination is known as *rikchung tsoklang*. The meaning of the word *rikchung (rigs-chung)* is somewhat uncertain, but Khen Rinpoche states that it probably refers to the level of a student's ability in the science of reasoning (*rigs-pa*), which at this point (after twelve or thirteen years of debating) is considered "lesser" (*chung*).

The expression *tsoklang* (*tsogs-lang*) most likely refers to the fact that the student must stand up (*lang*) in the entire assembly of monks (*tsok*) from his own monastery to defend his understanding. It also may ultimately be a corruption of the expression *tsulen* (*tsod-len*), meaning to "judge the ability or capacity" of the candidate's knowledge of the art of reasoning (*rigs-pa'i tsod len*).

A *rikchung* debate is rigorous, requiring many months of training by one's teacher. Each candidate must prepare, with his teacher's help, a formalized debate on a topic assigned by seniority—the "best" topics, such as compassion, being awarded in advance to the best debaters. The opponent will be another member of the class, and there are also large chunks of scripture to be memorized for the required chanting section.

Practically the entire debate, down to *whoa's* and *tsa's*, must be memorized in advance. Flowcharts are prepared showing all the possible appropriate responses to every possible answer. The flowchart splits, and half becomes totally useless, when the opponent during the actual debate answers, for

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example, "wrong!" (*tak ma drup*) or "not necessarily!" (*kyappa ma jung*). After the rough flowchart has been prepared by the candidate and his teacher, it is handed over to a calligrapher, who prepares a huge banner with all possible exchanges (even though the actual debate will ultimately only go down one branch).

This banner is pasted to door of the candidate's room, where he can review it frequently. He will also spend many months out in the cornfields, practicing by himself, out of earshot of the opponent or his buddies (who are always trying to find out in advance what issues he plans to raise).

Here he will also practice, over and over, every move of the entire debate: how to bow to the abbot at the beginning; when to put on or remove the high, peaked ritual hat; when to stand, when to sit; when to wave what arm; how to wear the (incredibly heavy and hot) ritual robes and other accoutrements.

The *rikchung* debate is a very serious moment in a student monk's life; if he fails to be among the small number of qualifying candidates (perhaps only 12 of the entire class), he will not be eligible for the *geshe* examinations much later. After a successful *rikchung* debate there is usually a big party: mom and dad, sister and brother, are usually down from other refugee camps in India to see the big event; and the opponent, your teacher, and all your classmates show up with gifts and silk scarves to help you celebrate.

The *rikchen* (*chen* meaning "greater" ability to reason) debate is the next big step, and immediately precedes the *geshe* exams for higher ranks of geshes. It is basically the same as the *rikchung* exam, except that it takes place in the *tsokchen* (the great hall shared by the two monasteries involved, such as Sera Mey and Sera Jey Monasteries), and the opponent comes from the sister monastery. The audience now is not only all the monks of your monastery (over a thousand now at Sera Mey, for example), but also all the monks of the opponent's (Sera Jey, for example).

Both the *rikchung* and *rikchen* debates also call for a night of defending your ability at your own college, or *kangtsen* (*khang-tsan*). Sera Mey, for example, is divided into some twelve surviving colleges; and the one which ACI students are affiliated with is that of our root lama, Khen Rinpoche Geshe Lobsang Tharchin. This is Gyalrong College, home also to the illustrious Pabongka Rinpoche. The *kangtsen* defense is mostly a dry-run among friends, to get the student ready for the pressure of the other, larger debates to come.

The debates for a geshe candidate are, of course, the most rigorous. There are many levels of geshe, and different kinds of geshes even among different monasteries of the same tradition. A candidate for the *lingse (gling-bsres)* or

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lower rank of geshe need only defend himself in the midst (*se*) of the assembled monks of his own monastery (*ling*). Debates for this rank of geshe are held about twice per year, and the number of candidates in each case is typically restricted to two.

The *lingse* candidate first defends himself in open debate against each member of his college, one-on-one, before the assembled college. The next step is a defense before each member of every one of the classes in the geshe program, which means every monk attending the debate park, each evening for about a week. Finally comes a grand defense before the assembled monks of the entire monastery, including all geshes and other monks who have graduated from the debate park already. The other details of the *lingse* debate are similar to the *rikchung* and *rikchen* debates, with a large amount of scripture to be memorized and recited also.

The debates for the *hlarampa* or highest rank of geshe are much more difficult, in the old days requiring an open defense before the assembled monks of every one of the six major Gelukpa monasteries. The opponent here is another highly qualified candidate selected by one of these other monasteries; normally, only one or two candidates are "fielded" by each monastery per year.

The final debates between *hlarampa* (*hla rams-pa*) geshes occur during the great prayer festival at the Tibetan new year; this was held in Lhasa (*Hla-sa*), and the candidates had to have mastered a veritable myriad (*rab-'byams*, shortened to *rams*) of scriptures. (This etymology comes from the *Great Dictionary of the Tibetan Language*.) The most successful of the *hlarampa* debaters were awarded "honors" (called *anggi* or "number') by His Holiness the Dalai Lama at the Potala Palace—and our root lama, Khen Rinpoche, was awarded highest honors in the year he completed his geshe.

In recent years, an extended series of intensive debate examinations before a special board of abbots and their assistants, as well as written examinations, have been added to the process, lengthening the entire wait of a candidate who has already completed his class work, in some cases, up to eight or more years.

A final special form of debate is the Winter Debates, called *Jang Gunchu*, a sort of annual Olympics between the great Gelukpa monasteries. *Jang ('Jang)* is the name of a small monastery where these debates were held in Tibet, and *gunchu (dgun-chos)* means "Dharma event held in the winter." In India, the debates are sometimes mistakenly referred to as the *Jamyang Gunchu* ("Winter Debates of Manjushri").

Traditionally, a small group of hand-picked students in the geshe program—perhaps 50 from a monastery of thousands—was sent to Jang

Monastery to participate. The monks would prepare a backpack and sleeping roll, and walk to the town of Jang, a good distance to the southwest of Lhasa. The sponsoring monastery of the debate was Rato, known for its tradition of masters of debate and logic. Here the monks would debate the very subjects of this course series—logic and Buddhist perceptual theory—from the great *Commentary on Valid Perception* of Master Dharmakirti. Special attention was given to its most famous Tibetan commentary, an extraordinary masterpiece by Gyaltsab Je, one of the principal disciples of Je Tsongkapa.

The Winter Debates would continue for an entire month, with nearly non-stop debating on a personal, class, and inter-monastery level for the entire day and—during special debates called *tsenpe damcha*—the entire night as well. (According to Khen Rinpoche, the word *tsenpe* is a corruption of the word *tsenbu* (*mtsan-bud*), meaning "all night long.")

The invasion of Tibet marked the end of the Winter Debates. After a long hiatus, they were re-instituted in India, with the help of Khen Rinpoche and his students. They are now back to their original glory, attended by hundreds of the best young debaters and rotating each year between the "Big Three" monasteries of Sera, Drepung, and Ganden. They provide an excellent opportunity for the cream of the monasteries to get to know one another and "cross-fertilize" their thinking, making the entire tradition stronger.

## The Asian Classics Institute Course XIII: The Art of Reasoning

Supplement to Reading Eight

रियायायये वर्षे सूरया

*Rikpay Drotang* Debating Format, Part One

नुष्रायाह्मयायाध्वेत्रायदेष्ट्रीम्।

Bumpa tokpa yinpay chir.

...Because a water pitcher is an unchanging thing.

দ্বাঝ ঝ মাুবা

Tak madrup!

Wrong!

*ฉ*ุมานาหุฦานามาพิสานาารณ

Bumpa takpa mayinpar tel.

Are you telling me a water pitcher is *not* an unchanging thing?

مَرْج

Du!

Right!

### Course XIII: The Art of Reasoning Supplement to Reading Eight

याध्येत्र है।

Mayinte!

And why not?

नुष्रायाक्षीस्त्रायाध्वेत्यवे क्षेत्रा

Bumpa mitakpa yinpay chir.

Because a water pitcher is a changing thing.

สูมานามาหุฦานาพิสานา เรณ

Bumpa mitakpa yinpar tel.

Are you telling me a water pitcher is a changing thing?

الأكم

Du!

Right!

## The Asian Classics Institute Course XIII: The Art of Reasoning

## **Reading Nine: The Concept of Exclusion in Perception**

### Selection from the collected topics: **The Concept of Exclusion in Perception**

The selection here is from a monastic textbook popularly known as The Collected Topics of the Spiritual Son (Sras bsdus-grva), by Master Ngawang Trashi, the spiritual son of the great Jamyang Shepa (1648-1721).

Please note that indented statements are usually those given by the opponent. Responses within brackets are those that are usually left unwritten in the Tibetan text, and are understood to be there because of the context following each.

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Here next is a presentation on the concept of exclusion. On this point, someone may come and make the following claim:

If any one or number of the three kinds of exclusion exists for something, then the exclusion for that thing always exists.

### Course XIII: The Art of Reasoning Reading Nine

Consider the horns of a rabbit.

Does an exclusion then exist for them?

Because any one or number of the three kinds of exclusion exist for them.

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.

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[It's not correct to say that the there exist any one or number of the three kinds of exclusion for the horns of a rabbit.]

Suppose you say that it's not correct.

Consider the horns of a rabbit.

Any one or number of the three kinds of exclusion does so exist for them, Because there does exist the mental kind of exclusion for them.

[It's not correct to say that the mental kind of exclusion exists for the horns of a rabbit.]

Suppose you say that it's not correct.

Consider the horns of a rabbit.

The mental kind of exclusion does so exist for them,

Because the mental kind of exclusion for them is the image of the reverse of all that is not them which appears to the conceptualization which grasps to them.

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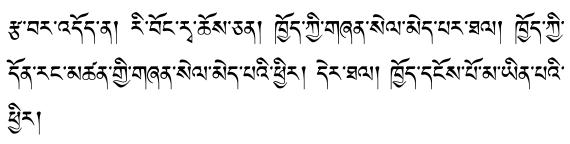
[It's not correct to say that the mental kind of exclusion for the horns of a rabbit is the image of the reverse of all that is not them which appears to the conceptualization which grasps to them.]

Suppose you say that it's not correct.

Consider the horns of a rabbit.

The mental kind of exclusion for them is so the image of the reverse of all that is not them which appears to the conceptualization which grasps to

them, Because they are something that has no nature of its own.



[Then I agree to your original statement: an exclusion does exist for the horns of a rabbit.]

Suppose you agree to our original statement.

Consider the horns of a rabbit.

It is not so, that an exclusion exists for them,

Because there exists for them no exclusion of the kind which is the objectification of a specific instance;

And this is so true, because they are not a working thing.

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## ٩١

Suppose someone comes and makes the following claim:

If something is a working thing, then it is always an exclusion of the kind which is the objectification of a specific instance.

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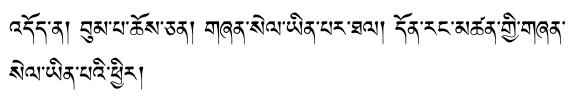
Consider a water pitcher.

So is it then an exclusion of the kind which is the objectification of a specific instance? Because it is a working thing

Because it is a working thing.

[It doesn't necessarily follow.]

But you already agreed that it does necessarily follow.



[Then I agree to your original statement: a water pitcher is an exclusion of the kind which is the objectification of a specific instance.]

Suppose you agree to our original statement.

Consider a water pitcher.

So is it then an exclusion?

Because it is an exclusion of the kind which is the objectification of a specific instance.

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[I agree that a water pitcher is an exclusion.]

Suppose you do agree. So is a water pitcher then a negative thing? Because it is an exclusion.

यदे भुरा

[It doesn't necessarily follow.]

But it does necessarily follow,

Because "exclusion" and "negative thing" are terms that refer to the same thing.

अज्ञ प्रदेन को कुरू हो। क्युन पा भेक पा के सुन

[Then I agree to your original statement: a water pitcher is a negative thing.]

But you can't agree to our original statement, Because a water pitcher is a positive thing.

Suppose someone comes and makes the following claim:

The reverse of all that is not a water pitcher is, for a water pitcher, an exclusion of the kind which is the objectification of a specific instance.

Consider the reverse of all that is not a water pitcher.

It is not so true that it is, for a water pitcher, an exclusion of the kind which is the objectification of a specific instance,

Because it is not that existing thing which represents the objectification of a specific instance.

[It's not correct to say that the reverse of all that is not a water pitcher is not that existing thing which represents the objectification of a specific instance.]

Suppose you say that it's not correct.

Consider the reverse of all that is not a water pitcher.

- It is so true that it is not that existing thing which represents the objectification of a specific instance,
- Because it is not an existing object which represents the objectification of a specific instance.



[It's not correct to say that the reverse of all that is not a water pitcher is not an existing object which represents the objectification of a specific instance.]

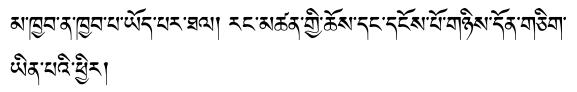
Suppose you say that it's not correct.

Consider the reverse of all that is not a water pitcher.

So is it then a working thing?

Because it is an existing object which represents the objectification of a specific instance.

You already agreed to this reason.



[It doesn't necessarily follow that, just because something is an existing object which represents objectification of a specific instance, it must always be a working thing.]

But it does necessarily follow,

Because the terms "existing object which represents the objectification of a specific instance" and "working thing" both refer to the same thing.

[Then I agree to your original statement: the reverse of all that is not a water pitcher is a working thing.]

Suppose you agree to our original statement.

It is not so, that the reverse of all that is not a water pitcher is a working thing, Because (1) all that is not all that is not a water pitcher is not a working thing, and (2) there's no difference between this and the other.

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Suppose someone comes and makes the following claim:

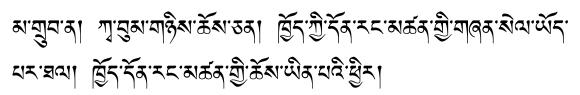
If there exists for something an exclusion of the kind which is the objectification of a specific instance of the particular object, then there must always exist the reverse of all that it is not.

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Consider the two of a pillar and a water pitcher. So does there exist the reverse of all that they are not? Because there does exist for them an exclusion of the kind which is the objectification of a specific instance.

[It doesn't necessarily follow.]

But you already agree that it does necessarily follow.

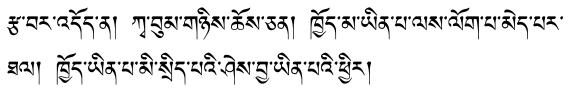


[It's not correct to say that there does exist for the two .]

Suppose you say that it's not correct.

Consider the two of a pillar and a water pitcher.

- There does so exist for them an exclusion of the kind which is the objectification of a specific instance,
- Because it would be the existing objects which are the objectification of a specific instance of them.



[Then I agree to your original statement: there does exist the reverse of all that a pillar and a water pitcher is not.]

Suppose you agree to our original statement.

Consider the two of a pillar and a water pitcher.

It is not so true, that there does exist the reverse of all that a pillar and a water pitcher is not,

Because they are a knowable thing which nothing can be.

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Suppose someone comes and makes the following claim:

Consider the two of a pillar and a pitcher.

- There does not so exist for them an exclusion of the kind which is the objectification of a specific instance,
- Because (1) the two of a pillar and a pitcher is no such thing, and (2) there exists no single such thing which would be distinct from them.

Our answer to this would be, "The latter part of your statement is not correct." And this is true because an example of such a thing would be the two of a pillar and a pitcher which is devoid of being both an unchanging and a changing thing.

Suppose someone comes and makes the following claim:

Whenever you establish something as being, for a water pitcher, an exclusion of the kind which is the objectification of a specific instance, then you must establish a water pitcher which is devoid of being both an unchanging and a changing thing.

But it's not so that this is the case,

Because it is allowable to establish the reverse of all that is not a water pitcher as being, for a water pitcher, an exclusion of the kind which is the objectification of a specific instance.

[It's not correct to say that it is allowable to establish the reverse of all that is not a water pitcher as being, for a water pitcher, an exclusion of the kind which is the objectification of a specific instance.] Suppose you say that it's not correct.

Consider this same thing.

It is so, for a water pitcher, an exclusion of the kind which is the objectification of a specific instance,

Because it is, for the pitcher, an exclusion.

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Suppose someone comes and makes the following claim:

Whenever we establish something as being, for a water pitcher, an exclusion of the kind which is a negative that involves the absence of something, then we always establish, for a water pitcher, the lack of any self-nature to the person.

But this cannot be the case,

Because we must always establish the exclusion of the kind which is a negative that involves the absence of something, with regard to a water pitcher, as the condition that a water pitcher has nothing about it which is part of all that is not a water pitcher.

And this is so the case,

Because we must establish the exclusion of the kind which is a negative that involves the absence of something, with regard to a cow, as the condition that a cow has nothing about it which is a part of all that is not a cow.

ริรายณา สราธิสาณสารณารายานาพิสานณิริษา

And this is so the case,

Because this is how the Great Book on Valid Perception explains it.

เมงิญาสารา สู้เมาพิสามาณจาณ์ญานลิรส์เราส์ลิเริสารรามส์สาญิญลสามณา พิสานารณา มูลานาลาพิสานาณลาณ์สานดิาปูลานาริาปูลานดิาร์สากกาลสสา 

Suppose someone comes and makes the following claim:

- It must be the case that the state of mind which is the reverse of all that is not the state of mind is, for the state of mind, an exclusion of the kind which is the objectification of a specific instance,
- Because (1) that water pitcher which is the reverse of all that is not the water pitcher is, for a water pitcher, an exclusion of the kind which is a specific instance of the water pitcher, and (2) the two are similar cases.

Suppose you agree to our statement.

Consider that state of mind which is the reverse of all that is not the state of mind.

It must then be the mental kind of exclusion,

Because it is, for the state of mind, an exclusion of the kind which is the objectification of a specific instance.

To this we answer, "It doesn't necessarily follow."

สังสาริท สู้ สิมางสุท ผู้รามาพิสามาณมาณ์ทานถ้าผู้ราย ผู้รายิมาตุสามณา พิสานรายณา ผู้ราพิสานามู้รานลิเรรัญนักพิสานลิเน็ราอราสาลรัราณสา สินพานาพิสาริท สิานลิาสิาส์ สู้ามาพิสานาณพาณ์ทานลิาส์าริาส์าริลาทุดสา 

Suppose someone comes and makes the following claim:

Consider a state of mind. That state of mind which is the reverse of all that it is not is so, for it, an exclusion; Because it is an existing thing which can be.

Our answer to this is, "We agree." And this is because, when you are determining how to read this point, it is correct to read it in such a way that you would answer "we agree" to the fact that the state of mind which is the reverse of all that a state of mind is not would be an exclusion *for that mind*, [and not a "mental kind of exclusion"].

ସୁଷ୍ୟ ସଂସ୍ଥାସିଂଶ୍ୱ ନି । କ୍ଲିଂଷ୍ୟ ଭିଶ୍ୱ ସଂସ୍ଥ୍ୟ ଭିଶ୍ୱ ସେମ୍ବର୍କ୍ତ କ୍ଷି ସ୍ଥିବ୍ୟ ଅଭିନ୍ୟ ସେମ୍ବର୍କ୍ତ କ୍ଷି ସେମ୍ବର୍କ୍ତ କ୍ଲିଂଷ୍ୟ ଭିଶ୍ୱ ସଂସ୍ଥ୍ୟ ସେମ୍ବର୍ଦ୍ଧ ସେମ୍ବର୍ଦ୍ଧ ସେମ୍ବର୍ଦ୍ଧ ସେ ଅଭିନ୍ୟ ସେ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ସେ ସିସ୍ଥିବ୍ୟ ମି । କ୍ଲିସିଂସ୍ୱର୍କ୍ତ କ୍ଷି ସଂସ୍ଥ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭିନ୍ୟ ଅଭ

On this particular point, someone might come and make the following claim:

That state of mind which is the reverse of all that is not the state of mind is so a mental kind of exclusion, Because that state of mind which is the reverse of all that is not the state of mind is an exclusion for that state of mind.

To this we answer, "It doesn't necessarily follow."

One could though never agree to the statement,

Because anything which is an exclusion for a state of mind is always an unchanging thing.

Suppose someone comes and makes the following claim:

It is so true that that unchanging thing which is the reverse of all that is not the unchanging thing is the exclusion for that unchanging thing,

Because that water pitcher which is the reverse of all that is not the water pitcher is exclusion for a water pitcher.

Our answer to this is, "It doesn't necessarily follow."

And suppose you agree to that statement.

- Consider that unchanging thing which is the reverse of all that is not the unchanging thing.
- It is not so true, that it is the exclusion for that unchanging thing,
- Because it is neither the type of exclusion which is a specific instance of the unchanging thing; nor the type of exclusion for the unchanging thing which is a negative that involves the absence of something; nor the mental type of exclusion.

[The first part of your reason is not correct: it's not correct to say that an unchanging thing which is the reverse of all that is not an unchanging thing is not the type of exclusion which is a specific instance of the unchanging thing.] Suppose you say that the first part of our reason is not correct.

Consider this same thing.

It is not so true, that it is the type of exclusion which is a specific instance of the unchanging thing,

Because it is one example of the lack of any self-nature of the person.

นาชิญาสาริใ ฉรามายูญาฏิเสมามณาสารสัญางสุโ มีรารญญาญาริรัสารรามส์สา ญิ ๚ุดสามณาพิสานรายณา มีรารทุกาทิ ๚ุดสามณาพิสานฉิ นิรา อิราสาม 57

Suppose someone comes and makes the following claim:

Consider unproduced, empty space.

It is so true, that it is the type of exclusion which is a specific instance of a negative thing which involves the absence of something, Because it is a type of exclusion which is a negative that involves the absence of something.

To this we answer, "It doesn't necessarily follow."

[*Please note that this text uses the above unusual spelling for "unproduced" several times, so we have left it as is.*]

મુશ્ર મળાવેં મુરો શેર રગાયાં છેંશ અના વિંદ શે માલમ શેવા ખેમ માર્મિંદ શે દેવા મુશ્ર માલમ શે માલમ સેવા ખેમ માં મુદ્ય મુશ્ર શેવા શે સેવા ખેતુ સેવા ખેતુ મુદ્ય સેવા ખેતુ મુદ્ય સેવા ખેતુ મુદ્ય સ સુર ગુરુ તુ

Suppose someone else, in response to this exchange, comes and makes the following claim:

Consider a negative thing which involves an absence. It is so true, that anything which is an exclusion for it is that type of exclusion which is a specific instance for it, Because there does exist an exclusion for it.

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To this we answer, "It's not correct to say that." And this is because, when you read this statement, you would have to read it as "there does exist an exclusion *for this particular negative involving an absence,"* and would therefore have to answer, "It's not correct to say that."

Suppose someone comes and makes the following claim:

Unproduced, empty space is not an exclusion which is a negative thing that involves the absence of something.

Consider unproduced, empty space.

It is so an exclusion which is a negative thing that involves the absence of something,

Because it is a negative thing which involves the absence of something.



[It doesn't necessarily follow.]

But it does necessarily follow,

Because "an exclusion which is a negative thing that involves the absence of something" and "a negative thing which involves the absence of something" both refer to the same thing.

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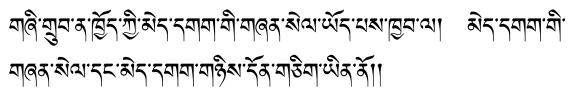
Here secondly is our own position. Because the terms "exclusion" and "negative thing" refer to the same thing, there is no need to posit a definition for exclusion.

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If something is a working thing, then there always exists an exclusion for it which is the objectification of a specific instance. The terms "negative thing which is a working thing" and "an exclusion which is the objectification of a specific instance" both refer to the same thing.

# 

There is always a mental kind of exclusion for anything which is such that it possesses no nature of its own. The terms "mental kind of exclusion" and "object which appears to a conceptualization" refer to the same thing.



If a thing can be established as existing, then there is always an exclusion of it which is a negative thing that involves the absence of something. And the terms "exclusion which is a negative thing that involves the absence of something" and "negative thing which involves the absence of something" refer to the same thing.

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### Formal logic subject: Identifying Elements of a Logical Statement, and Some Different Classifications of Correct Logical Statements

The following selection is taken from An Explanation of the Art of Reasoning (rTags-rigs), composed by the great tutor of His Holiness the Thirteenth Dalai Lama named Purbuchok Jampa Tsultrim Gyatso (1825-1901).

This bring us to the section where we identify the reason, the quality to be proven, and the subject. We proceed in two steps: presenting our position, and then putting forth proofs to support our position. Here is the first.

The expression "because there is no fire" is a logical reason for proving that there is no smoke on the surface of an ocean in the middle of the night in a proof where "because there is no fire" serves as the reason in the proof. "Because *there's* no fire" is not a logical reason for the same proof where that same term serves as the reason in the proof.

The expression "there is no smoke" is both (1) the quality to be proven in that same proof, where "because there is no fire" serves as the reason; and (2) that which is considered the explicit form of the quality to be proven for the same proof. The expression "it's smokeless" is neither of the two. This same pattern applies for the expressions such as "there are no trees" and so on.

The expression "because there is no water pitcher perceived to be there by any valid perception" is a logical reason for proving that there exists no water pitcher in a particular location where no water pitcher is perceived by any valid perception to be present. The expression "there exists no water pitcher there" is both (1) the explicit form of the quality to be proven in the same proof, where "because there is no water pitcher perceived to be there by any valid perception" is acting as the reason; and (2) that which is considered the explicit form of the quality to be proven in the same proof. This pattern follows for other cases as well.

A "flesheater spirit" [a *preta*, or tormented spirit] is a main element in the quality which is denied in a proof that, in the location before us, there can exist no recollection whose perception corresponds to reality, and which ascertains a flesheater spirit, in the mind of a person for whom flesheater spirits are abstruse objects. This same term though is not the "quality which is denied" itself.

The existence, in the mind of a person for whom flesheater spirits are abstruse objects, of a recollection whose perception corresponds to reality, and which ascertains a flesheater spirit, is both (1) the quality which is denied in this particular proof, and (2) a main element in the quality which is denied in the same proof.

The term "smoke" is a main element in the quality which is denied in a proof that there is no smoke on the surface of the nighttime ocean, but it is not the quality denied in the same proof.

The "existence of smoke in that particular place" is both (1) a main element in the quality which is denied in a proof that there is no smoke on the surface of the nighttime ocean, and (2) the quality which is denied in the same proof.

"An unchanging thing" is a main element in the quality which is denied in a proof that sound is not an unchanging thing, but it is not the quality which is denied in the same proof.

Here next is the second major point from above. Correct reasons may also be classified according to the quality to be proven. Here there are two types: correct positive reasons, and correct negative reasons.



Here are their respective definitions. First comes the definition of a correct positive reason for any particular proof:

Something which is (1) a correct reason for a particular proof; and (2) which is such that there can exist one thing which is both (a) the object which is considered the explicit form of the quality to be proven in the proof where it acts as the reason, and (b) a positive thing.

These kinds of reasons may be divided into two types of their own: correct reasons that involve a result, and correct reasons that involve a nature. Anything which is one of these two types of reasons is always a positive reason.

The definition of a correct negative reason for any particular proof is as follows:

Something which is (1) a correcct reason for a particular proof; and (2) which is such that there can exist one thing which is both (a) the object which is considered the explicit form of the quality to be proven in the proof where it acts as the reason, and (b) a negative thing.



The terms "correct negative reason" and "correct reason for proving the absence of something" both refer to the same thing.

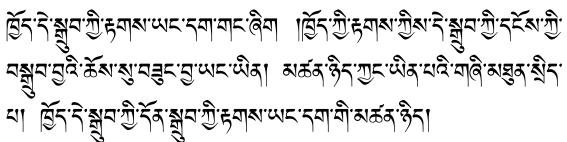
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It is contradictory for one thing to be both a correct negative reason for a particular proof and also a correct positive reason for the same proof. It is not contradictory though for one thing to be both a correct negative reason and a correct positive reason. And this is because the expression "a thing which is made" can be both: it is both a correct negative reason for proving that sound is not an unchanging thing, and it is a correct positive reason for proving that sound is a changing thing.

Next is the third major point from above. Correct reasons may also be classified by according to how the proof is made. Here there are five different types:

- 1) Correct reasons for proving the meaning;
- 2) Correct reasons for proving the term;
- 3) Correct reasons for proving the meaning alone;
- 4) Correct reasons for proving the term alone; and
- 5) Correct reasons for proving both the meaning and the term.

We will discuss these reasons in three parts: their definition, typicial example, and supporting logic.



Here first is the definition of a correct reason for proving the meaning in any particular proof:

Something which is both (1) a correct reason for a particular proof; and (2) which is such that there can exist one thing which is both (a) the explicit form of the thing considered the quality to be proven for the particular proof in which it serves as the reason, and (b) a definition.

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The definition of a correct reason for proving the term in any particular proof is as follows:

Something which is both (1) the same as the first part above; and (2) which is such that there can exist one thing which is both (a) the explicit form of the thing considered the quality to be proven for the particular proof in which it serves as the reason, and (b) something which is defined.

The definition of a correct reason for proving the meaning alone in any particular proof is as follows:

Something which is both (1) the same as the first part above; and (2) which is such that there cannot exist one thing which is both (a) the explicit form of the thing considered the quality to be proven for the particular proof in which it serves as the reason, and (b) something which is a thing defined—but which is though such that there can exist one thing which is both (a) the same as part "a" above and (b) something which is a definition.

The definition of a correct reason for proving the term alone in any particular proof is as follows:

Something which is both (1) the same as the first part above; and (2) which is such that there cannot exist one thing which is both (a) the explicit form of the thing considered the quality to be proven for the particular proof in which it serves as the reason, and (b) something which is a definition—but which is though such that there can exist one thing which is both (a) the same as part "a" above and (b) something which is a thing defined.

The definition of a correct reason for proving both the meaning and the term in any particular proof is as follows:

Something which is both (1) the same as the first part above; and (2) which is such that there can exist one thing which is both (a) the explicit form of the thing considered the quality to be proven

for the particular proof in which it serves as the reason, and (b) something which is a definition—and there can also exist one thing which is both (a) the same as part "a" above and (b) something which is a thing defined.

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"Something which only lasts a moment" is a correct reason for proving the term alone in a proof that sound is a changing thing; but it is not a correct reason in the same proof where "something which is made" is used as the reason. This is because, if something is a correct reason for this specific proof, it must be one and the same as "something which is made."

"Something which is made" is a correct reason for proving the term alone in a proof that sound is a changing thing, when this proof is presented to a correct opponent who has already established, through a valid perception, that sound is a thing that only lasts a moment. Generally speaking though it is a correct reason for proving both the meaning and the term. This is because it is—when presented to an opponent who has not yet ascertained, through any valid perception, that sound is a thing that only lasts a moment—a correct reason for proving both the meaning and the term.

This brings us to the fourth major point, which is classifying correct reasons by the assertion to be proven. Here there are three different types: correct reasons involving deduction; correct reasons involving reasoned belief; and correct reasons involving convention.

The definition of the first is as follows:

Something which (1) a correct reason for the particular proof; and which (2) serves to produce a deductive type of valid perception towards the assertion of the particular reason.



The definition of the second is:

Something which (1) a correct reason for the particular proof; and which (2) serves to produce a valid perception of the type which involves reasoned belief, towards the assertion of the particular reason.

The definition of the third is:

Something which (1) a correct reason for the particular proof; and which (2) serves to produce a valid perception of the type which involves convention, towards the assertion of the particular reason.

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The first of these may be divided further into three types: correct reasons which involve a result, a nature, and the absence of something. Respective typical examples would be the following.

- 1) "Because there is smoke," a correct reason which involves deduction and is of the result type, for proving that fire exists in a smoky mountain pass;
- 2) "Because it is a thing which is made," a correct reason which involves deduction and is of the nature type, for proving that sound is a changing thing; and
- 3) "Because there is no fire there," a correct reason which involves deduction and is of the type relating to the absence of something, for proving that there is no smoke upon the surface of the nighttime ocean.

There are also these same three types for the second kind here: those which involve a result, a nature, and the absence of something. Examples here would be:

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- "Because it is scriptural authority which has withstood the three tests," a correct reason which involves reasoned belief and is of the result type, for proving that the citation "Giving leads to possessions, and morality to happiness" is scriptural authority which is such that the person who spoke it possessed, before he spoke, a valid perception in which he or she realized the truth of what the citation expresses;
- 2) The same reason, as a correct reason which involves reasoned belief and is of the kind which relates to a nature, for proving that the same citation is unerring about what it expresses; and
- 3) The same reason, as a correct reason which involves reasoned belief and is of the kind which relates to the absence of something, for proving that the same citation is not erring about what it expresses.
- [*The "three tests," by the way, are:* 
  - 1) We have confirmed, with our own direct valid perceptions, those parts of the statement which correspond to "evident" reality;
  - 2) We have confirmed, with our own logical, deductive form of valid perception, those parts of the statement which correspond to "hidden" reality; and
  - 3) We have established that those parts of the statement which correspond to "deeply hidden" reality are free of any internal contradiction or similar faults.]

There are, finally, two types for the third kind here. "Because that's how people think," is an example of a correct reason which involves convention and which relates to a nature, to prove that it is nominally appropriate to speak of the moon as the "house of the rabbit." The same expression, "Because that's how people think," is also an example of a correct reason which involves convention and which relates to the absence of something, to prove that it is not literally appropriate to speak of the moon as the "house of the rabbit."

The fifth point is the classification of correct reasons according to how they relate to the group of similar cases. Here there are two types: correct reasons where the set of similar cases and the reason subsume each other; and correct reasons where they relate to each other in two dissimilar ways, [subsuming in one direction, but not in the other].



The definition of the first in a proof that sound is a changing thing is:

A reason where the three relationships hold, and where it and the group of similar cases in that particular proof subsume each other.

The definition of the second in the same proof is:

A reason where the three relationships hold, and where it and the group of similar cases in that particular proof relate to each other in two dissimilar ways.

A definitive example of the first type would be "a made thing," while a definitive example of the second would be any particular kind of made thing.

\* รูสานารสพาพนารสาณาสัญาสณิาส์ สุมารุสิาสา นาร์สามุสมาญารสม พรารทารรา พุลสารัสาฐานพาฏิรุญญาพรารทางจิพบ

The sixth and final division here is that critical one where the classification is made by correct opponent. Here there are two types: correct reasons to use in the context of oneself, and correct reasons to use in the context of others.

શિંડ સું એ મગાયમ સુવ પયે મગાય બાદ દ્વા શાદ ખેતા શિંદ શે મગાય શેય દે સુવ ฏิหูาส์ณาพรารทามีรามาพราพิสามฉิาทุตามุยูสามา รรามีฉามส์สาติรา

The definition of the first is as follows:

Anything which is both (1) a correct reason for proving that sound is a changing thing; and (2) a case where there is no correct opponent for the particular proof in which it serves as the reason.

Whenever the proponent seeks to establish something to his own mind, setting forth "because it's a made thing" to himself in order to prove that sound is a changing thing, then "because it's a made thing" is serving as a correct reason to use in the context of oneself, to prove that sound is a changing thing.

The definition of the second type above is as follows:

Anything which is both (1) a correct reason for proving that sound is a changing thing; and (2) a case where there is a correct opponent for the particular proof in which it serves as the reason.

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"Because it's a made thing" is a correct reason to use in the context of others, in proving that sound is a changing thing.

Suppose someone comes and makes the following claim:

"Because it's a made thing" is both a correct reason to use in the context of oneself, and a correct reason to use in the context of others, in proving that sound is a changing thing.

નુશ્રાય દેશ અના મિંડ ગો સ્વાય ગોય સું શે સ્વાય સ્સુવાય શે છે તેવા ખા દાવા ลิรานรายณา ผู้ราริาฐานบารราร์สามาณชาบารสามาณสานลิายุรา

Consider "because it's a made thing."

So is it then the case that there is no correct opponent to whom it can be used as a reason to prove that sound is a changing thing?

Because it is a correct reason to use in the context of oneself.

વર્નેન ના ને દેશ અના ને ખેન મુન્ય શિન ને સુવ શે ગાલ તે તે સુવ શે ! ู่ หุฦฺฺุณฺ๛ฺ๛ฺๅฦๅ๛ํฦ๛๛๛๛

Now suppose you agree to our statement.

Consider this same thing. There is so such a correct opponent, Because this is a correct reason to use in the context of others.



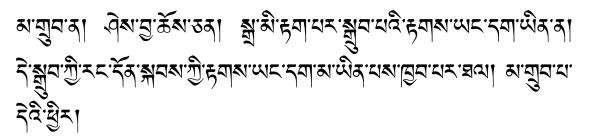
Once again someone may come, to make the following claim:

There is no such thing as a correct reason to use in the context of oneself.

But this is incorrect,

Because in a case where "because it's a made thing" has actually been employed as a correct reason to use, in the context of oneself, for proving that sound is a changing thing, then "because it's a made thing' is then a correct reason to use in the context of oneself.

We can moreover say that there do exist correct reasons to use in the context of oneself, because there does exist a correct reason to use in the context of oneself in order to prove that sound is a changing thing.



[It's not correct to say that there does exist a correct reason to use in the context of oneself in order to prove that sound is a changing thing.]

Suppose you say that it's not correct.

Consider knowable things.

So is it then the case that, whenever anything is a correct reason for proving that sound is a changing thing, it can never be a correct reason, to use in the context of oneself, in order to prove that sound is a changing thing?

Because you said it was not correct.

Course XIII: The Art of Reasoning Reading Nine

พิสานารณา ริ:สูาาฏิ:สุภาพาพารากาพิสานนิ:ยิา นน้างกาลูมา

Suppose you agree that it can never be.

Consider "because it's a made thing," in a case where "because it's a made thing" has actually been employed as a correct reason to use, in the context of oneself, for proving that sound is a changing thing.

So is it then not a correct reason to use in the context of oneself for this same proof?

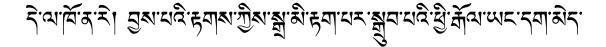
Because it is a correct reason for this same proof.

Now all you can do is contradict yourself.

๚ุลุสาพกา กูลานาลูามารุญานาาลูานนินารรัสาลาลายิรุญลาพกราวญามา พิสานา ราณา วิาวิาลูกาฏิาศุลสาวัสาลาพาฏิรุกาณาพราวกาพิสานฉิายิาราวิ भुकेंगउमा मेरमाभ्री मुमामदेधेना वेमामदेभ्रेंनग्नी मवमर्मममम શુઃ ફ્રેગુરુ પ્લાય સાથી સું રાવ સુરાત્ર વા બોરા પવે સુરા

- Moreover, isn't it so that "because it's a made thing" cannot be a correct reason to use, in the context of oneself, for proving that sound is a changing thing?
- Because isn't it a correct reason to use, in the context of others, to prove the same thing?
- And isn't this the case, because the logical statement given immediately below is a correct logical statement involving a correct reason to use in the context of others?

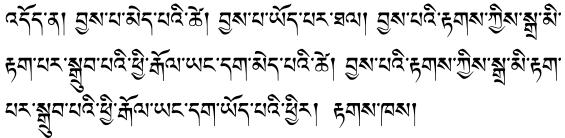
Consider sound. It is a changing thing, Because it's a made thing.



On this point, someone may come and make the following claim:

- So is it then true that—in a case where there is no correct opponent for a proof where "because it's a made thing" is used as a reason to prove that sound is a changing thing—there *is* in fact a correct opponent for a proof where "because it's a made thing" is used as a reason to prove that sound is a changing thing?
- Because—in a case where "because it's a made thing" has actually been employed as a correct reason to use, in the context of oneself, for proving that sound is a changing thing—"because it's a made thing" is a correct reason to use, in the context of others, for proving that sound is a changing thing.

To this we answer, "Your reason is not correct."



And suppose one did agree to your original statement.

- So is it then the case that, where there is not something made, there is something made?
- Because it is the case that—where there is no correct opponent for a proof in which "because it's a made thing" is used as a reason to prove that sound is a changing thing—there *is* in fact a correct opponent for a proof where "because it's a made thing" is used as a reason to prove that sound is a changing thing.
- And you've already agreed that this reason is correct.

Suppose someone comes and makes the following claim:

It is true that there does not exist any correct reason to use in the context of oneself. Nonetheless, "because it's a made thing" is a correct reason to use, in the context of oneself, to prove that sound is a changing thing—in a case where "because it's a made thing" has actually been employed as a correct reason to use, in the context of oneself, for proving that sound is a changing thing.

But this is incorrect,

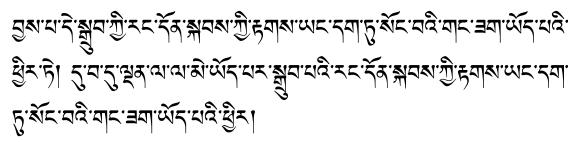
Because there must then exist a correct reason to use in the context of oneself; Because there does exist a correct reason to use, in the context of oneself, for proving that sound is a changing thing.

And this is true because—in an instance where "because it's a made thing" has actually been employed as a correct reason to use, in the context of oneself, for proving that sound is a changing thing—it is the case that (1) a made thing actually does exist, and (2) there does exist in this instance a correct reason to use, in the context of oneself, where "because it's a made thing" is employed to prove that sound is a changing thing.

You've already agreed that the reason is correct.

It is moreover true that there does exist a correct reason to use, in the context of oneself, to prove that sound is a changing thing;

Because there is an instance where "because it's a made thing" has actually been employed as a correct reason to use, in the context of oneself, for proving that sound is a changing thing.



- And this is true because there is a person for whom "because it's a made thing" has actually been employed as a correct reason to use, in the context of oneself, for this particular proof;
- And this is true because there is a person for whom "because there is smoke there" has actually been employed as a correct reason to use, in the context of oneself, for proving that there is fire in a smoky mountain pass.

There is also the logical proof that we use to establish the existence of past and future lives:

- Consider the mind of a common person [one who has not yet seen emptiness directly] who is just about to die.
- There does exist, as its material result, a later state of mind;
- Because it is a state of mind present in the being of a person who still possesses ignorant desire.
- It is, for example, similar to the present state of mind.

#### Course XIII: The Art of Reasoning Reading Nine

ฏิฆานาจช์ฆาฆาสตานลิวฏิ์ส์สมางสุก หราติาหิตุฆาลรุกลิวฏิ์ส์รุกมาผู้สาราพีรา ही रेगायाध्येयायदेष्ट्रीया नयेयाता मात्रायदेश्त्रिंग्व्वित्विर्व्यायात्वयुद्धि And consider the mind of an infant who has just been born. A mind which is of exactly the same type as it has preceded it, Because it is a state of mind.

It is, for example, like the mind of a very old person.

## The forms of debate: The Traditional Debating Classes and Subjects

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Over the centuries, each major Gelukpa monastery in Tibet has developed its own unique curriculum, all based on the study of the five great books of ancient Indian Buddhism. The structure of the different classes in the debate park is designed around the progressive study of a student in the geshe program through these five great classics, and this is where the core subjects and even the name of the Asian Classics Institute come from.

There are fourteen different debate classes going on simultaneously at Sera Mey Tibetan Monastery, and typically 20 to 22 years is required to pass through the fourteen. Each of the classes has its own special name—something like "freshman" or "sophomore" in the West. At any given night in the debate park, the classes will be huddled in different spots spread around the park. The best spots (under a couple of especially shady trees in the summer, or up against a protecting wall in windy, cold weather) are given to the higher classes. If a beginning class is very large, the debate master may choose to break it up for the night into two or even three separate groups. Each group starts out with a single attacker and, normally, two defenders; by the end of the night, this may have dissolved into melee of eight or ten attackers bearing down on the original two defenders, with a group of supporters huddled behind them shouting out answers too.

Typical classes at present in Sera Mey might start out with sixty or seventy young men, of whom only a handful—four or five—will actually make it to the end of the geshe program. There is a custom at an advanced point in the

curriculum, around ten years into the program, to combine two of the classes from that point on, so that there are enough monks left to make the debates interesting.

The following is a list of the names, durations, and traditional subjects for each of the debate classes at Sera Mey. It was compiled with the help of Khen Rinpoche Geshe Lobsang Tharchin. It should be noted that this is the ideal curriculum, and in the refugee monasteries of southern India events like an unusually long monsoon season, an attack of tuberculosis, sudden changes of plan by monastic officials, extra monastic ceremonies to be attended, a public teaching by a great visiting Lama, or any number of other happenings can conspire to lengthen or shorten the time needed to complete one's geshe studies.

### Year One Class One: Beginning Class, Collected Topics

This class is Tibetan is known as *duchung* (*bsdus-chung*), since it is a beginning (*chung*) class on the collected topics (*bsdus-grva*) of Buddhist logic and perceptual theory, mostly according to the "Sutrist" (*Sautrantika* or *mDo-sde-pa*) School, which is considered the second of the four schools of ancient India. It is also the higher of the two schools of the Lower Way (Hinayana).

The original root text for this class is the *Commentary on Valid Perception* (*Pramana Varttika, Tsad-ma rnam-'grel*), written by Master Dharmakirti (*sLob-dpon Chos-kyi grags-pa*) around 650 AD. The principal monastic textbook is the *Collected Topics* (*Yongs-'dzin bsdus-grva*) of the Master Tutor, Purbuchok Jampa Tsultrim Gyatso (1825-1901).

The duration of the class is one year, and begins with a special ceremony of initiation into the debate park. The students are typically around 14 or 15 years old; they have completed some elementary study of the collected topics with their house teacher, and are already familiar with the format of debate (called *rikpay grotang* [*rigs-pa'i 'gro-stangs*]). These students have also already learned to read and write (in both the regular and cursive alphabets), and have memorized many of the shorter prayers and texts.

In a pattern which will continue throughout their careers as students in the geshe program, the class moves through a standard series of topics, each with its own name—such as *chokchu* (*phyogs-chos*): the study of the subject element in a logical statement, and its relationship to the reason. The class might remain on a particular topic for say one to six weeks, and then move on to the next, according to an undefined, organic schedule dependent on a constant

assessment of their progress by the great lamas who are instructing different members of the class.

In the curriculum of the Asian Classics Institute, the topics of this and the next class are represented in the following courses:

Course XIII: The Art of Reasoning Extension Course 3: Mind and Mental Functions

### Year Two Class Two: Advanced Class, Collected Topics

This class is a continuation of the previous, and lasts for a year. Its name is *duchen* (*bsdus-chen*), meaning the advanced (*chen-po*) class on the collected topics (*bsdus-grva*).

### Year Three Class Three: Beginning Class, First Chapter of the "Ornament"

The name of this class in Tibetan is *shungsar* (*gzhung-gsar*), indicating that these students are beginners (*gsar-pa*) in the first of the great classics (*gzhung*). The foundation root text here is the *Ornament of Realizations* (*Abhisamaya Alamkara*), dictated to the realized being Asanga ('*Phags-pa Thogs-med*) by the future Buddha, Maitreya (*rJe-btzun Byams-pa*) around 350 AD. The principal monastic textbook for this class is the *Analysis of the Perfection of Wisdom* (*Phar-phyin mtha'-dpyod*) by Kedrup Tenpa Dargye (*mKhas-grub bsTan-pa dar-rgyas*), a master from Sera Mey who lived 1493-1568.

These texts present the beliefs of the lower Middle-Way school (the lower half of the fourth or highest school of the four, which itself corresponds to the higher of the two schools of the Mahayana, or Greater Way). This school is known as the *Madhyamika Svatantrika* (*dBu-ma rang-rgyud pa*), or "Independent" branch of the Middle-Way, so named because of their belief that we must take an independent object and discuss it in common terms to bring another person to understand correct view. The entire study of this school is called, in the monastery, the "Perfection of Wisdom," or *parchin* (*phar-phyin*) in Tibetan—an abbreviation of the full term, *sherab kyi parul tu chinpa* (*shes-rab kyi pha-rol tu phyin-pa*, or *prajnya paramita*).

This class also lasts for a year, and is devoted to covering only the first third of the first chapter of the root text. (The first chapter is by far the most extensive.) The topics covered in this and the following five classes are

#### represented in the following ACI courses:

#### Course II: Buddhist Refuge Course XV: What the Buddha Really Meant

#### Year Four

#### Class Four: Intermediate Class, First Chapter of the "Ornament"

This class is a continuation of the preceding. It lasts for a year and is devoted to the second third of the first chapter of Lord Maitreya's root text. The name of the class in Tibetan is *shung-nying* (*gzhung-rnying*), meaning a study of this great classic (*gzhung*) by students who are now more advanced (*rnying-pa*).

#### Year Five

#### Class Five: Advanced Class, First Chapter of the "Ornament"

This class is again a continuation of the preceding. It too lasts for a year, and is devoted to the final third of the first chapter. Its name in Tibetan is *shung-nying gongma (gzhung-rnying gong-ma*), meaning an "even more" (*gong-ma*) advanced class of more experienced (*rnying-pa*) students of the great classic (*gzhung*).

#### Year Six

#### Class Six: Class on the Second and Third Chapters of the "Ornament"

This class is a continuation of the previous, and covers the second and third chapters of Lord Maitreya's text. It lasts for one year, and is named *kab nyipa* (*skabs gnyis-pa*), since it is devoted to the second (*gnyis-pa*) and third chapters (*skabs*) of the root text.

#### Years Seven and Eight

#### Class Seven: Class on the Fourth and Higher Chapters of the "Ornament"

The study of the *Ornament* continues in this class, dedicated to the fourth, fifth, sixth, seventh, and eighth chapters of the root text. The eighth chapter is considered especially important because it is dedicated to a thorough description of an enlightened being. The name of this class is *kab shipa* (*skabs bzhi-pa*), meaning the students have reached the fourth (*bzhi-pa*) and higher chapters (*skabs*) of the root text. Each of the courses from this point on to the end of the geshe program last for two years each.

Years Nine and Ten Class Eight: Class for Supplementary Topics on the Perfection of Wisdom

The next class is named after and devoted to the study of supplementary topics on the perfection of wisdom known as *surkul (zur-bkol)*, so called because they are extensive treatments of particular subjects which are "extracted" (*zur-du bkol-pa*) and expanded from much briefer references in the *Ornament*.

The four classic topics here are dependent origination (*rten-'brel*); the permutations of the flowchart that leads to enlightenment, known as the "community of the twenty" (*dge-'dun nyi-shu*); the levels of the form and formless realms, along with their corresponding meditational states (*bsam-gzugs*); and the very important study of the art of interpreting statements of the Buddha (*drang-nges*).

In conjunction with the last, the members of this class will also engage in a separate study of the "foundation consciousness" (*kun-gzhi*, or *alaya vijnyana*) concept accepted by the Mind-Only (*Citta Matra* or *Sems-tzam-pa*) School, the lower of the two Mahayana schools of ancient India, and third in the overall scheme of four schools. This will in fact be the most time ever spent on the beliefs of this particular school, although it is also touched upon later in the "Middle-Way" courses.

In Sera Mey, the principal monastic textbooks used for the supplementary topics are those on each particular subject composed by the masters Kedrup Tenpa Dargye and Panglung Lobsang Tukje (*sPang-lung Blo-bzang thugs-rje*, fl. 18th century).

#### Years Eleven and Twelve Class Nine: Beginning Class on the Middle Way

Entrance to the ninth class, where a student debater begins his study of the higher half of the Middle-Way School, marks a major change in status. At Sera Mey, it is at this point that the monk earns the right to vote upon questions affecting the monastery at large during the regular assemblies. He has also normally just finished his *rikchung* examinations, which in effect qualify him to become, in time, a geshe.

In Tibet it was a custom at this juncture for the entire surviving class to approach sponsors and raise the funds to make an important gift to the monastery in appreciation of her kindness. The gift might be a set of rare and important books, new paintings or images for the temple altars, or even a building. Members of the class would also go into deep retreats, intended to accumulate the good karma necessary to grasp the very subtle points of higher Middle-Way philosophy, the next subject in the curriculum. It is considered auspicious if the student encounters difficulty during this retreat (as the sign of an effective attempt to eliminate previous bad karma), and our Root Lama, Khen Rinpoche, has said that he became dangerously ill during his retreat in Tibet at this time.

The name of this class is *uma sarpa* (*dbu-ma gsar-pa*), meaning "beginning" (*gsar-pa*) class on the beliefs of the higher part of the Middle-Way (*dbu-ma*) School. The root text is *Entering the Middle Way* (*Madhyamika Avatara, dBu-ma la 'jug-pa*), composed by Master Chandrakirti (*Slob-dpon Zla-ba grags-pa*) around 650 AD. The principal monastic textbooks used are the *Illumination of the True Thought of the Middle Way* (*dBu-ma dgongs-pa rab-gsal*) of Je Tsongkapa, along with its commentary by Kedrup Tenpa Dargye entitled *Overview of the Middle Way* (*dBu-ma spyi-don*).

The higher half of the Middle-Way School is known as the "Consequence" (*Prasangika*, or *Thal-'gyur-ba*) group, due to their belief that a logical statement utilizing a ridiculous but necessary consequence of an opponent's erroneous beliefs is especially effective in helping the opponent develop a correct view of emptiness. The entire study of this particular group is called "Middle Way" (*Uma*, or *dBu-ma*) in the monastery, although technically the beliefs of the Independent group, already studied, also qualify as "Middle Way."

The topics covered in this and the next class are represented in the following ACI courses:

Course VI: The Diamond-Cutter Sutra Course VII: The Vows of the Bodhisattva Courses X, XI, and XII: A Guide to the Bodhisattva's Way of Life—Parts One, Two, and Three Extension Course 4: The Marriage of Emptiness and Karma

> Years Thirteen and Fourteen Class Ten: Advanced Class on the Middle Way

This class is a continuation of the preceding, and in Tibetan is known as *uma nyingpa* (*dbu-ma rnying-pa*), meaning "advanced" (*nying-pa*) class on the beliefs of the higher part of the Middle-Way (*dbu-ma*) School.

#### Years Fifteen and Sixteen Class Eleven: Beginning Class on Vowed Ethics

The class then graduates to the study of vowed ethics (*vinaya*, or '*dul-ba*); here the curriculum of Sera Mey is unique, since the other major Gelukpa monasteries continue on to higher knowledge (*abhidharma*, or *chos mngon-pa*) at this point. This course will cover, extensively, the beliefs of certain groups within the first of the four schools—the Detailist—on the eight different types of vowed morality.

It is only here that a monk learns, in detail, the finer points of monastic rule. The debates of this class are a sharp contrast to the high theoretical dialectic of the Middle Way: here we are more likely to be quoting lists of monastic guidelines, and memorization of the versed summary on the subject is a "must." This is the *Versed Summary on Vowed Morality* by Kongpo Ngawang Tsultrim (*Shar-chen Kong-po Ngag-dbang tsul-khrims*), an eminent lama from the Kongpo College of Sera Mey.

The great commentary of the omniscient Tsonawa (*Kun-mkhyen mTso-sna-ba Shes-rab bzang-po*), a Kagyupa master from the latter part of the 14th century, will also be studied carefully. Both are based, as is the study of vowed morality throughout Tibet, upon the *Summary of Vowed Morality* (*Vinaya Sutra*, or '*Dul-ba mdo rtza-ba*), by the Indian master Guna Prabha (*Slob-dpon Yon-tan* 'od), from about 500 AD.

The name of this particular class in Tibetan is *senkyang dangpo (gzan rkyang dang-po)*, since in the old days in Tibet it was only (*rkyang*) by reaching this class that a student was first (*dang-po*) considered senior enough to wear a heavy sort of monastic shawl (*gzan*) or cloak called a *dagam*, on the (very cold) nights of winter in the Lhasa valley.

The topics covered in this and the next class are represented in ACI Course IX: The Ethical Life

#### Years Seventeen and Eighteen Class Twelve: Advanced Class on Vowed Ethics

This class is a continuation of the preceding, and is given the name *dzindra sumpa* (*'dzin-grva gsum-pa*), meaning third (*gsum-pa*) class (*'dzin-grva*) from the top.

#### Years Nineteen and Twenty Class Thirteen: Beginning Class on Higher Knowledge

Year nineteen marks the beginning of the final subject, higher knowledge (*abhidharma*, known simply as *dzu* [*mdzod*] in the monastery). The original root text here is the *Treasure House of Higher Knowledge* (*Abhidharma Kosha*, or *Chos mngon-pa mdzod*), written by Master Vasubandhu (*Slob-dpon dbyig-gnyen*) in about 350 AD. This work primarily presents the beliefs of the Kashmiri section of the Detailist (*Vaibhashika*, or *Bye-brag smra-ba*) School, the first of the four Indian schools, and lower of the two Hinayana schools.

Three monastic textbooks for this subject are featured in the curriculum of Sera Mey:

- The commentary of His Holiness the First Dalai Lama, Gendun Drup (*rGyal-ba dGe-'dun grub*, 1391-1474) entitled *Light on the Path to Freedom, an Exposition of Higher Knowledge (Mdzod-tik thar-lam gsal-byed)*;
- A resolution of difficult points on higher knowledge popularly known as *The Book on Higher Knowledge by Gyalwang*, composed by Gyalwang Trinley Namgyal (*rGyal-dbang 'Phrin-las rnam-rgyal*, *fl.* 1850); and
- An exquisite, highly detailed commentary from the Sakya tradition entitled *The Chim Book on Higher Knowledge*, written by Jampeyang of Chim (*mChims 'Jam-pa'i dbyangs*, c. 1280).

The name for this class in Tibetan is *dzindra nyipa* (*'dzin-grva gnyis-pa*), so called because it is the second (*gnyis-pa*) class (*'dzin-grva*) from the top.

The topics covered in this and the next class are represented in the following ACI courses:

Course V: How Karma Works Course VIII: Death and the Realms of Existence

#### Years Twenty-One and Twenty-Two Class Fourteen: Advanced Class on Higher Knowledge

This class is a continuation of the preceding, and in Tibetan is called *dzindra dangpo* (*'dzin-grva dang-po*), meaning it is the first (*dang-po*) class (*'dzin-grva*), or the highest class of all. The minimum stay for a person in this class would be two years, but this could stretch out into three, four, or even more years, since a student is required to remain until he can complete his examinations for any of the ranks of a geshe.

#### Annually for the Entire Geshe Program Special Winter Classes on Buddhist Logic and Perceptual Theory

Throughout the entire length of a monk's career in the geshe program, several months in the winter are reserved for special classes on Buddhist logic and perceptual theory, based upon the *Commentary on Valid Perception (Pramana Varttika, Tsad-ma rnam-'grel*) of Master Dharmakirti (*Slob-dpon Chos-kyi grags-pa*), who lived about 650 AD.

The principal monastic commentary here is *Light on the Path to Freedom, an Explanation of the "Commentary on Valid Perception,"* by one of the principal disciples of Je Tsongkapa, Gyaltsab Je Darma Rinchen (*rGyal-tsab rje Dar-ma rin-chen, 1364-1432*). At Sera Mey, a new commentary by Geshe Yeshe Wangchuk (*dGe-bshes Ye-shes dbang-phyug, 1928-1997*) is also very popular. Normally each class simply takes its name from whichever major topic it may be debating at the time.

One reason the text by Gyaltsab Je is so widely used is that it is studied in all of the major Gelukpa monasteries, and can thus be used as common scriptural authority during the annual Jang Gunchu, or Winter Debates—a kind of annual Olympic intensive where the best student monks from each of the major colleges can come together to study and debate, almost day and night, for an entire month.

Here all the students from each monastery who are debating the same subject join into a single class, which acts as an excellent preparation for the debates they will have with each other during the geshe examinations down the road. Back home, those from each monastery who did not qualify for the Winter Debates continue on these same general subject; this provides a good opportunity for students of medium or lesser ability to take center stage at the debate park and improve themselves.

The topics for the Winter Debates are represented in the following ACI Courses:

Course IV: The Proof of Future Lives Course XIII: The Art of Reasoning

#### Special Teachings by Eminent Lamas

Throughout the geshe program, a student will also attend special teachings given by eminent Lamas, both inside and outside their home monasteries. Actual recent examples at Sera Mey, for example, would be a one month teaching on the steps of the path to Buddhahood (*lam-rim*) presented by Geshe Yeshe Wangchuk, or a teaching by His Holiness the Dalai Lama on emptiness. The most frequent subjects of these teachings are either *lam-rim* or *lojong:* developing the good heart. The content of these special teachings often comes up later in the debate park, in conjunction with almost every other subject. For this reason, the teachings on *lam-rim* and *lojong* have been organized into a sixth subject in the ACI curriculum, and are represented in the following courses:

Course I: The Principal Teachings of Buddhism
Course III: Applied Meditation
Course XIV: Lojong, Developing the Good Heart
Extension Course 1: Offering of the Mandala
Extension Course 2: Contemplations on the Practice of Giving and Taking (Tong-Len)
Extension Course 5: Lord Atisha's Lamp for the Path to Enlightenment
Extension Course 6: The Garden—Discussions with the Great Masters of Buddhism

The invasion of Tibet led to a great deal of disruption in the debate classes. For twelve years after the fall of Tibet in 1959, the surviving monks from all of the major Gelukpa monasteries were thrown together in the Buxall refugee camp in northeastern India. Only several hundred of over 10,000 student monks from Lhasa lived through the invasion and subsequent horrors of the Buxall camp, to reach their new home in south India.

In the early 1970's, land was found in the Karnataka area of south India for the re-establishment of these major monasteries. (Khen Rinpoche's older brother, a Tibetan government official, was instrumental in locating and securing the

land.) The debating classes and geshe examinations continued throughout this time in a very tenuous way, and by the mid 1970's it looked as though there would not be enough support for them to be carried on at Sera Mey.

This is when Khen Rinpoche began the food fund for students in the geshe program, which proved to be a deciding factor in their survival. Khen Rinpoche and his students also provided a great deal of the support needed to revive the Winter Debates in India. The debate classes throughout the great Gelukpa monasteries of south India now thrive, and the level of study is said to rival that of Old Tibet.

#### The Asian Classics Institute Course XIII: The Art of Reasoning

Supplement to Reading Nine

रियासायवे वर्षे सूरसा

*Rikpay Drotang* Debating Format, Part Two

(Continued from the previous reading:)

สูมานามาหุญานาเพิ่มานหารณา

*Bumpa mitakpa yinpar tel.* Are you telling me a water pitcher is a changing thing?

351

*Du!* That's right!

มาพิสานา รณา

*Mayinpar tel,* No it's not,

สูมาน ซัมาพิสานนิ ซิา

*Bumpa chu yinpay chir.* Because a water pitcher is a dharma—an existing thing.

দ্রিন'ম'ম'র্নু্,'

*Kyappa ma jung.* It doesn't necessarily follow.

สังเพิ่ง เป็น พระมีเกา เพิ่ง เกา เป็น เ

Chu yinna, mitakpa mayinpe makyappar tel!

Are you telling me that, just because something is an existing thing, it doesn't have to be a changing thing?

٦

*Du!* That's right!

না:মি:মন্ত্রমা

*Gare shak?* Then show me something like that!

*Tongpa nyi chu chen.* Consider emptiness.

**बै**न्ह्रयाप्य स्थित हो।

*Mitakpa mayin te,* It's not a changing thing,

म्यायाय्येम्यत्युम्

*Takpa yinpay chir.* Because it's an unchanging thing.

#### The Asian Classics Institute Course XIII: The Art of Reasoning

#### Reading Ten: The Concept of Time

#### Selection from the collected topics: **The Concept of Time**

The following selections on the concept of time (Dus-gsum gyi rnam-bzhag), are excerpted from The Collected Topics of Rato (Rva-stod bsdus-grva), by Master Chokhla U-ser, a great master of Rato Monastery who lived about 1500 AD. This particular book is considered the "grandfather" of what came to be a separate genre of literature in Tibet: the dura (bsdus-grva), or "selected topics from the Commentary on Valid Perception (Pramana Varttika, or Tsad-ma rnam-'grel) of Master Dharmakirti (circa 650 AD).

Please note that indented statements are usually those given by the opponent. Responses within brackets are those that are usually left unwritten in the Tibetan text, and are understood to be there because of the context following each.

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Suppose someone comes again, and makes the following claim:

The definition of the past is: "That which has begun and stopped." The definition of the present is: "That which has begun and not yet stopped." The definition of the future is: "That condition of having not yet begun, although the causes for beginning are present."

พธ์สามุติเพิ่มานานหา สาลิกามาณ์เห็ม เกาะนั่นิเพธสามุติเ กาณ์นิเณ์เห็ม ามุริฆานนิามส์สามุติ รับคมามิานิาร์ม เมษูณานนิามส์สามุติเฮิราสา

Respective examples would be the following. For the first, the example would be last year's crops. For the second, it would be this year's crops; and, for the third, crops soon to grow.

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Concerning the first of these, we answer as follows.

Aren't your definition and example for the past though incorrect? Because there is no definition for the past,

And this is because the past doesn't even exist,

And this is because anything which can be established as existing is always something of the present.

On this point, someone may come and make the following claim:

But there must be things that are past, Because past time exists; And this is because all three—past time, and future time, and present time—exist. And this is because the three times exist.

To this we answer, "It doesn't necessarily follow."

र्देन्त्र मिंग्रम्याया वन्रायायन्त्रायायीत्यायायाया वन्त्रायायेन्यवेधिम

#### দ্র্যাঝ্য'যেক্সা

And we also ask this person,

So is the past the past? Because the past exists.

You already agreed to the reason here.



[Then I agree to your original statement: the past is the past.]

Suppose you agree to our original statement.

Consider the past. It is not so the past, Because it is not something which has stopped; And this is true because it is not something which has been destroyed.

[It doesn't necessarily follow.]

But it does necessarily follow,

Because "the past," "that which has stopped," and "that which has been destroyed" all refer to the same thing.

And this is true because all three of them exist; And this is true because the past exists.

You already agreed that the reason is true.



Suppose that, instead of "it doesn't necessarily follow," the opponent says "it's incorrect."

Consider the past. It is not so something which has been destroyed, Because it is a working thing.

[It doesn't necessarily follow.]

But it does necessarily follow,

Because there exists no one thing which is both (1) something that has been destroyed but which is still (2) a working thing.

And this is true because the Golden Necklace of Good Explanation says,

None of the schools that belong to the side that believe that things exist through some nature of their own accept the idea that something which has been destroyed could be a working thing.

[The *Golden Necklace* is a famed commentary by Je Tsongkapa upon the *Ornament of Realizations,* spoken to the realized being Asanga by Lord Maitreya.]

[Then I disagree to your earlier statement.]

Suppose you say that the earlier one is not correct.

Consider the past. It is so a working thing, Because it is something made.

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[It's not correct to say that the past is something made.]

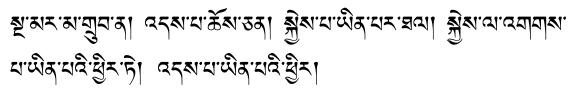
Suppose you say that it's not correct. Consider this same thing. It is so, Because it's something that started.

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[It doesn't necessarily follow.]

But it does necessarily follow,

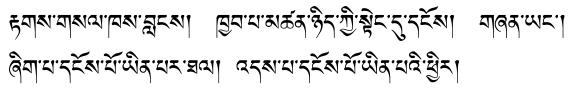
Because "something that started" is the definition of "something made."



[The earlier point is not correct.]

Suppose you say that the earlier point is not correct.

Consider the past. It is so something that started, Because it is something that started and then stopped. And this is true because it's the past.



You've agreed both to the reason and to what we're asserting must be so, and the necessity is something that does apply to the definition.

It must moreover be true that that which has been destroyed is a working thing,

Because the past is a working thing.

รุกุฬาลลูกฬาลิสา ฉริ์ราสา รรัฬาน้ำดิญานารรัฬาน้ำพิสานรายณา รรัฬา น์โดสานาพี่รานากราดิสา เดิสานารรัพาน์าพิสานฉิายู่รา

We've already established that the reason is true.

Suppose you do agree.

Is it then the case that a working thing which has been destroyed is still a working thing?

Because (1) there does exist a working thing which has been destroyed, and (2) that which has been destroyed is a working thing.

You've already agreed to the latter part of the reason. Suppose now you say that the first part is not correct. The first is too correct,

Because there does exist a working thing which is past.



[It's not correct to say that there does exist a working thing which is past.]

Suppose you say that it's not correct.

Consider a working thing. There does too exist it past, Because it is something that has been produced.

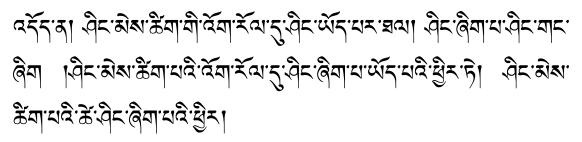


[Then I agree to your second original statement: it is the case that a working thing which has been destroyed is still a working thing.]

Suppose you agree to our second original statement.

So is a tree that was already destroyed still a tree?

Because a working thing which has been destroyed is still a working thing. You've already accepted the reason.



[Then I agree to your original statement: a tree that was already destroyed is still a tree.]

Suppose you agree to our original statement.

So is it then true that when a tree has been burned up by fire there is still a tree?

Because (1) a tree that was already destroyed is a tree; and (2) there exists a destroyed tree subsequent to the burning up of a tree by a fire.

[I agree to your statement above.]

Suppose you agree to our statement above.

Is it then the case that—subsequent to the burning up of a tree by a fire—you can still see a tree by using your visual consciousness?

Because there does exist a tree subsequent to that point.

You already agreed to the reason.

And this is so because—when a tree has been burned up by fire—there is a tree destroyed.

If the one is the case, then the other is necessarily so. [That is, if there does exist a tree subsequent to that point, then you must be able to see it by using your visual consciousness.]

And you cannot agree to this last statement;

Because the following quotation from the *Commentary on Valid Perception* was meant to point out—to those who asserted that something which was destroyed could ever be a working thing—what very absurd consequences their position entailed:

Because it has started, then the destruction Must be destroyed; and then the tree Would have to be seen once more.

Concerning the second of the original definitions, [that the definition of the present is "that which has begun and not yet stopped,"] we pose the following:

Consider "knowable things." So is it something which has begun and not yet stopped? Because it is something of the present.

[It doesn't necessarily follow.]

But you already agree that it does necessarily follow.



[It's not correct to say that "knowable things" is something of the present.]

It is so correct, Because it can be established as existing.

[Then I agree to your statement above: "knowable things" is something that has begun and not yet stopped.]

Suppose you agree to our statement above.

Consider "knowable things." So is it something which ever began? Because it has begun and not yet stopped.

You already agreed to the reason.



[Then I agree to your statement.]

Suppose you agree to our statement.

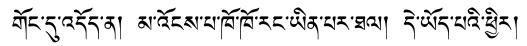
Consider this same thing.. It is not so, that it is something which ever began, Because it is an unchanging thing.

If you agreed [that an unchanging thing could begin], then what we would answer to you is obvious.

Concerning the third of the original definitions, [that the definition of the future is: "that condition of having not yet begun, although the causes for beginning are present,"] we pose the following:

So is it true then that the future exists? Because it is something which has a definition; Because "that condition of having not yet begun, although the causes for beginning are present" is the definition of the future.

You already agreed that the reason was true.



[Then I agree to your point above.]

Suppose you agree to the above. So is it then the case that the future is itself? Because it does exist.

[I agree to your statement: the future is itself.]

Suppose you agree to our original statement.

Consider the future.

So is it then a condition of having not yet begun, although the causes for beginning are present?

Because it is the future.

You already agreed to the reason,

And it is obvious that the necessity must apply to the definition.

Suppose you agree.

Depending on how they read this definition [in the Tibetan], some people claim, "I agree that the future is the condition of having not yet begun, although the causes for beginning are present (Tib: *skye ba'i rgyu yod*)." Others claim, "I agree that the object of our argument [the future] is the condition of having not yet begun, even though it has cause to begin from this same condition (Tib: *skye ba'i rgyu yod*)."

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Well suppose then that you read it the first way.

So does there exist a cause that makes the future begin? Because the future is the condition of having not yet begun, even though the causes for beginning are present.

You've already accepted the reason.

[I agree that there does exist a cause that makes the future begin.]

Suppose you agree.

So is this cause that makes the future begin a working thing? Because it does exist.

[I agree that it is.]

Suppose you agree. Consider this cause that makes the future begin. Is it something made? Because it is a working thing.

#### <u>nai</u>

[I agree that it is a working thing.]

Suppose you agree. Consider this same thing. Is it then something which has begun? Because it is something made.

You already agreed to the reason.

But you cannot agree, Because it is something which has not yet begun; Because it is the condition of having not yet begun; Because it is a condition where, even though [its cause] exists, it has not yet begun.

You've already agreed both to the reason and to what we're asserting must be so.

$$\mathfrak{F}^{\mathcal{A}}$$
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And the following problem applies to the latter way of reading the phrase.

Is it then the case that this cause that will make it begin is a working thing? Because the cause that will make the future begin exists.

[It's not correct to say that the cause that will make the future begin exists.]

Suppose you say that it's not correct.

Consider this cause that will make the future begin.

It does so exist,

Because [the future] is a condition where, even though [its cause exists], it has not yet begun.

You've already agreed both to the reason and to what we're asserting must be so.

अम्घन्ना इस्रान्त्वनाः संज्ञार्थः स्री

[It doesn't necessarily follow.]

If you say it doesn't necessarily follow, then your whole presentation collapses.

[Then I agree to your statement above.]

Suppose you agree to our statement above. Consider the cause that makes [the future] begin. It must then be something which has begun, Because it is a working thing.

[I agree that the cause that makes the future begin is something which has begun.]

Suppose you agree. Consider then this same thing. It is not the case that it has already begun, Because it is a thing which has yet to begin, Because it is a condition of not having yet begun.

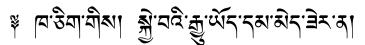


[It's not correct to say that the cause which makes the future begin is a condition of not having yet begun.]

Suppose you say that it's not correct.

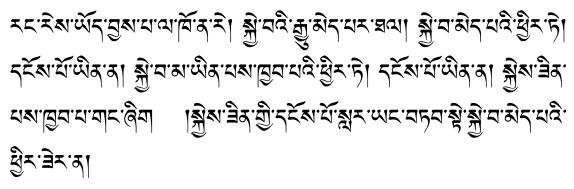
Consider this cause that makes the future begin. It is so the condition of not having yet begun, Because it is the condition of having not yet begun, even though it exists.

You've already both to the reason and to what we're asserting must be so.



Suppose someone comes and makes the following claim:

Does there exist a cause for something to begin or not?



We answer that there does, and then someone comes and makes the following claim:

But isn't it the case that no cause for something to begin exists? Because isn't it the case that nothing beginning exists?

- Because isn't it the case that, if something is a working thing, it can never be beginning?
- Because (1) isn't it the case that, if something is a working thing, it must be something that began already; and (2) isn't it the case that, if a working thing has begun already, it cannot start all over again?

### הלאיאיקקין

To this we answer, "It doesn't necessarily follow."

Suppose someone comes again and claims,

So is it then the case that there are no beginnings at all? Because none of the following exist: "something that's going to begin," "something that needs to begin," "something that's about to begin," and "something that's in the act of beginning."

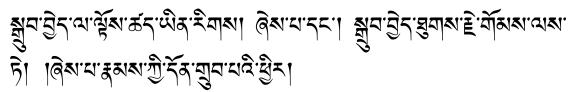
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To this we say, "It doesn't necessarily follow," and then we say:

It's like this. The beginning or the birth of something does too exist,

Because past and future births exist.

- And this is true because there exists the practice of amassing the two collections over a great many births, past and future.
- And this is true because there does exist the creation of an Infallible Being, who comes from the practice of amassing the two collections over a great many births, past and future.



And this itself is true, because there is a point to the following two quotations:

By relying on the various proofs It's right to say "infallible."

And—

The proof is that it comes from the practice Of the attitude of compassion.

[Both quotations are from the Commentary on Valid Perception, and are used to establish that an Enlightened Being is produced from many eons spent amassing the two collections.]

# ୩୦୦୫୮୬ ବିମ୍ୟାନ୍ତ୍ର ଅନ୍ମର୍ଭ୍ୟର୍ଭ୍ୟ ଅନ୍ମର୍ଭ୍ୟ ଅନ୍ମର୍ଭ ଅନ୍ମର୍ଭ୍ୟ ଅନ୍ମର୍ଭ ଅନ୍ମର୍ଭ୍ୟ ଅନ୍ମର୍ଭ ଅନ୍ମର୍ଭ ଅନ୍ମର୍କ୍ୟ ଅନ୍ମର୍ଭ୍ୟ ଅନ୍ମର୍ଭ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍ଭ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍ଭ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ ଅନ୍ମର୍କ

Are you saying, moreover, that it is proper to throw away the whole system of those Lords of Reasoning, the Father and his spiritual Sons, and go following the system of that non-Buddhist school, the Rejectionists (Lokayata)?

Because you would have to accept the other side as our side in the following verses:

"An Infallible One would have to know Even things that are hidden, and there's No proof that shows he can; Neither is there a way to try." Thus do a number of them Make their presentation.

And—

Because the mind is something That depends upon the body, There is nothing you can achieve Through practice [over many lifetimes].

#### দ্র্যাঝ্য'নেঙ্খা

And this is true because it would then be right for you to accept the position that it's impossible for there to exist an enlightened realized being who has practiced assembling the two collections over a great many births, past and future.

Suppose someone comes again and claims,

There must too exist a working thing which is about to begin, Because there exists a working thing which is about to take birth from their mother's womb.

So does there exist then a working thing which is in the act of beginning? Because there exists a working which is about to take birth from their mother's womb.

The fact that it follows is something you find acceptable.

But you cannot agree, because the glorious Chandrakirti has stated, "Since something in the act of beginning is only approaching beginning, it is not something which exists."

- And are you, furthermore, saying that there exists a working thing which hasn't begun?
- Because there exists a working thing which hasn't begun, from their mother's womb.

Suppose someone comes and says, "It's incorrect [to say that there exists a working thing which hasn't begun, from their mother's womb].

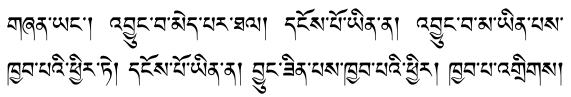
But it is correct, because (1) there does exist a person who is in the act of staying in their mother's womb, and (2) there also exists a working thing which is born complete.

Are you saying, moreover, that a working thing which has already begun begins again?

- Because there exists a living being who has already taken birth, and who has to take birth again.
- And this is true because there exists a living being who has already taken birth, and who has to take birth again in the circle of suffering life.
- And this is true because (1) there exists a living being who has already taken birth as a human, and who has to take birth again as a human; and (2) there exists a living being who has already taken birth into the desire realm, and who has to take birth into the desire realm again.

Each of the reasons given is correct, because there do exist those who come from a birth as a human and are born as a human; and there do exist those

who come from a birth in the desire realm and are born into the desire realm. It's easy to accept these reasons.

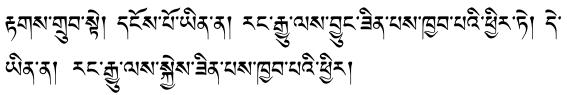


And is it, moreover, the case that there exists nothing which is occurring?

Because nothing which is a working thing could ever be something which is occurring.

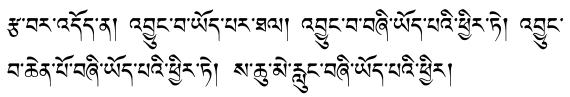
And this is because anything which is a working thing is something which has already occurred.

The fact that it follows is something you find acceptable.



The reason we've stated is correct, because anything which is a working thing is something which has already occurred from its own causes.

And this is true because anything which is a working thing is something which has already begun from its own causes.



[Then I agree to your original statement: it is the case that there exists nothing which is occurring.]

Suppose you agree to our original statement.

There does too exist something which is occurring,

Because there exist the four great elements.

And this is because there do exist the four of earth, water, fire, and wind.

[*Translator's note: This argument depends upon the fact that the Tibetan words for "occuring" and for "element" have the same spelling* ('byung ba).]

ગસુન્યાયવે ધુરાંદ્રી અદૈન બથા વગુના ગાંદ્ર શાય અચાનના સિન્ના સે. <u>२८.भ</u>रेट.प्रिश्चशः र्षेत्रश्च । खिळायाळीटळा.सतु.सी.रा

[It doesn't necessarily follow.]

It does necessarily follow, because that highest master, Vasubandhu, has stated that the great elements are four.

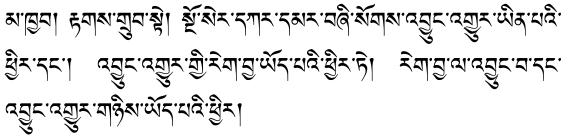
And this is true because the *Treasure House* says,

The elements are the following: The divisions of elements we call Earth and water and fire and wind.

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Suppose yet another person comes and claims:

There must too exist a working thing which still has to start, Because there does exist a working thing which is going to start. And this is because there does exist a working thing which is going to occur.



To this we answer, "It doesn't necessarily follow."

The reason in itself though does apply to the subject,

- Because the four of blue, yellow, white, and red and the like are all derivatives of the elements, and there also exist tangible objects which are derivatives of the elements.
- And this is true because all tangible objects can be divided into two types: those that are elements, and those that are derivatives of the elements.

[*Translator's note: This argument depends on the fact that the Tibetan for "going to occur" and for "derivative of the elements" is the same* ('byung-'gyur).]

# พहेरिल्ला रेगानुः इसाय महिलाधेदनी विश्वाम्युरुषायदे धुरा

And this is true because The Treasure House of Wisdom says,

Tangible objects are of two types...

# 

You can't though agree to the original statement, [that there must exist a working thing which still has to start],

Because anything which is a working thing is something which must have already started.



On this point some may make the following claim:

It must so be the case that there exists no working thing which is going to occur, Because anything which is a working thing must have already occurred.

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This position though reflects a gross error of failing to examine things thoroughly. The expressions "going to start" and "still needs to start" are equivalent in meaning, exclusively, "going to start from the beginning" and "still needs to start from the beginning."

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But whereas "still needs to occur" means, exclusively, "still needs to occur from the beginning," the [Tibetan phrase for] "going to occur" also applies to things which have already occurred, such as the color blue, or the tangible objects of heat or cold, and so on. And the mistake by the opponent here is that they have never heard the terms explained this way.

Suppose someone comes and makes the following claim:

The definition of something "past" relative to the time of a water pitcher is "that which has started and also stopped, in the time that the water pitcher is present."

The definition of something "future" relative to the time of a water pitcher is "that which is such that—although the causes for it to start are already present—it has yet to start, in the time that the water pitcher is present."

The definition of something "present" relative to the time of a water pitcher is "that which has started and not yet stopped, in the time that the water pitcher is present."

Let us address the first of these definitions.

Consider the cause of a water pitcher.

Is this cause then something which has started and also stopped, in the time that the water pitcher is present?

Because it is something which is past relative to the time of the water pitcher. And this is because it is the example we've chosen here.

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And suppose you agree to the previous statement. [That is, suppose you agree that the cause of a water pitcher is something which has started and also stopped in the time of the water pitcher.]

Consider again the cause of a water pitcher.

Is it then one thing which has both (1) started in the time of the water pitcher and (2) stopped in the time of the water pitcher?

[Why do you say that?]

Because you agreed.

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[Then I agree that the cause of a water pitcher is one thing which has both (1) started in the time of the water pitcher and (2) stopped in the time of the water pitcher.]

Suppose you agree then. Consider this same thing. Is it then something which has started in the time of the water pitcher?

[Why do you say that?]

Because you agreed above.



And yet you can't agree, because it is something which has not started in the time of the water pitcher.

And this is because it is something which has not been made in the time of the water pitcher.

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[It's not necessarily the case that, because the cause of a pitcher is something which has not been made in the time of the water pitcher, it must be something which has not started in the time of the water pitcher.]

Suppose you say that it's not necessarily the case.

It is though necessarily the case,

- Because the very definition of something's not having been made in a certain time is "something's not having started" in that same time.
- And this is true because (1) there is at that time something which hasn't been made, and (2) the definition of "something that hasn't been made" is "something that hasn't started."
- And this is true because "something that has started" is the definition of "something that has been made."

Now suppose that you were to answer "it's not correct to say that" above, where you answered "it doesnt' necessarily follow." [That is, suppose you say that it's not correct to say that the cause of a water pitcher is something which has not been made in the time of the water pitcher.]

Consider this same thing.

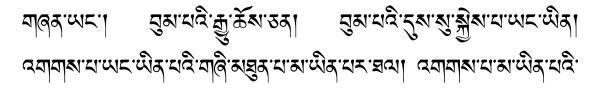
It is so true that it has not been made in that particular time,

Because it doesn't even exist in that particular time.

And this is because it has stopped in that particular time.

And this is because, in that particular time, it has started and also stopped.

And you've already agreed to what we stated as our reason.



Consider, moreover, the cause of a water pitcher, once again.

It is not so, that it is one thing which has both (1) started in the time of the water pitcher, and (2) stopped in this same time,

Because it is not something which has stopped. And this is true because it hasn't stopped.

And this is true because it is a produced thing.

Suppose yet another person comes, and makes this claim:

Consider the cause of a water pitcher.

It is too something which has started in the time of the water pitcher, Because it has finished starting in the time of the water pitcher.

To this we answer, "It doesn't necessarily follow."

Therefore we have to express the situation as follows: Although the cause of the water pitcher, in the time of the water pitcher, has already begun, it is not something which has begun in the time of the water pitcher. This is for example like the case where the followers of the Independent group of the Middle-Way School and such say that "Cause and effect is true [Tib: *bden-pa*], but not real [Tib: *bden-pa*]." You have to be able to make the same kind of distinction here.

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Suppose someone comes along and claims,

Even though omniscience perceives a water pitcher directly, it does not do so in the sense that the word "directly" has when we divide perception into the two of "direct" and "deductive."

To this we answer, "You are absolutely correct."

If however someone were to come along in a debate and say that "Every state of direct perception is 'direct' in the sense that this word has when we divide perception into the two of 'direct' and 'deductive'," some logic would be required to prove the point just made.

As for the second definition, [the definition of "the future" given above,] consider the result of a water pitcher.

Is it then something that has not begun?

Because it is the condition of not having begun.

And this is because it is the condition of not having begun, even though the causes for its beginning exist in the time of the water pitcher.

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Now some may come along and claim, in response, that "it doesn't necessarily follow." This however would indicate that they had yet to grasp the meaning of the collected topics on logic and perception.

Suppose someone else came and said, instead, that "Your reason is not correct."

Consider then this same thing: [the result of a water pitcher].

Are you saying that it is the condition of not having begun, even though, in the time of the pitcher, the causes for its beginning are present?

Because it is "the future" at this same time.

The correctness of our reason is easy to accept. And you've already accepted the necessity.

As for the third of the definitions above, [that of "the present,"] suppose someone comes and makes the following claim:

Consider the cause of a water pitcher.

It is so something which is present-time in the time of the water pitcher, Because it is something which, in the time of the water pitcher, has begun and not yet stopped.

It is so, because it is both (1) something which has begun in the time of the water pitcher and (2) something which has not stopped in that time.

Our side would answer that the first part of this reason is not correct.

And then the other side would come back with,

Consider then this same thing.

It is too something which has begun in the time of the water pitcher, Because it is something which has finished beginning in that time.

To this we'd answer, "It doesn't necessarily follow."

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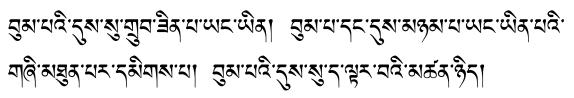
Here next is an analysis of the question of whether the past and the future exist or not. Generally speaking there exist no definitions for "the past" or "the future," because the past and future are not things which even exist. This is because, anything which can be established as existing must always be existing in the present [according to this school of Buddhism].

ગલિ ભા સે સાવ સાવદે ગાવા ગુરુષ મહે મુસ્ય સું સુરુષ કે માળવા પ્રાથ મુસ્ય મહે. રુષા સું ગુરુષ મા ગુરુષ માં ગુરુષ મહે મુસ્ય મુદ્દ માં ગુરુષ મહે મું ગુરુષ મું ગુરુષ મું ગુરુષ મું ગુરુષ મું ગુ અર્ઠવ છે ગા ગે ગુરુષ મહે સું ભે ગુરુષ સું ગુરુષ મું ગુરુષ મું ગુરુષ મું ગુરુષ મું ગુરુષ મું ગુરુષ મું ગુરુષ મું

If though we were to establish the meaning of "the past" relative to a specific point of reference, we could say that the definition of its past relative to the time of a specific water pitcher could be given as follows:

Something which has, by the time of the water pitcher, already started; and which has, by the time of the water pitcher, already ended as well.

This and "the pitcher just before the pitcher" amount to the same thing.



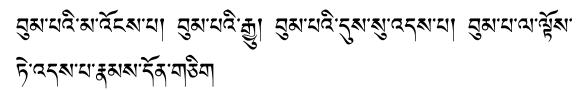
The definition of its present relative to the time of a specific water pitcher then could be given as follows:

That one thing which is both (1) something which has already come into existence by the time of the water pitcher; and (2) which is simultaneous to the water pitcher.

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The definition of its future relative to the time of a specific water pitcher, finally, could be given as follows:

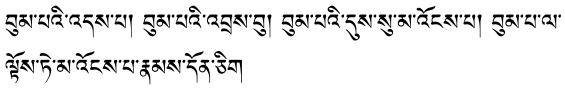
That one thing which is both (1) in the act of starting at the time of the water pitcher; and (2) not yet started at the time of the water pitcher.



The following all amount to the same thing:

the not-yet-coming of the water pitcher; the cause of the water pitcher; its past at the time of the water pitcher; and its past relative to the water pitcher.

[*Translator's note: "Not-yet-coming" and "future" are the same word in Tibetan (ma-'ongs-pa)*.]



The following also all amount to the same thing:

the passing of the water pitcher; the result of the water pitcher; its future at the time of the water pitcher; and its future relative to the water pitcher.

[Translator's note: "Passing" and "past" are the same word in Tibetan ('das-pa).]

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Generally speaking, there is no such thing as something which has stopped. And there is nothing which is about to begin. Neither is there anything which is in the act of beginning, nor is there anything which is approaching the state of beginning.

There does exist though the passing of the smoke; and the stopping of the smoke; and the smoke's not yet coming, and the smoke's being about to begin; and the smoke's being in the act of beginning; and the smoke's approaching the state of beginning.

There is though no such thing as smoke which is approaching the state of beginning. Neither is there any smoke which is in the act of beginning; nor any smoke which is about to begin; nor smoke which has stopped; nor smoke which has been destroyed; nor smoke which is past; nor smoke which is future.

The following all amount to the same thing:

- a working thing; a changing thing; a momentary thing; a thing which is in the act of being destroyed; a thing which is approaching the past;
- a thing which is approaching its destruction.

รุณาจอดเฉริเรจาลา จิตุณาจิเริญเฉลูราจามรัฐเนดิเรจรรูเลูญเพิ่ม มุลสาณาสิามาริมาริไ ฏิเสนามีเนลม แรงการราง มาส์รมานส์. ณพาพัสพาศพาณิสาชิรา รณาฉฏราสพา ดิสานารรัพานี้ราสดิรานาพัสพา าดิร ส์ณาจงมาฏิมามิ เมือานาพ์รานฉิ นิรา

These assertions [about the nature of time] are all presented in accordance with the beliefs of the "Logician" group within the Sutrist School. They would not necessarily be acceptable to any other school of Buddhism. The Detailists, for example, do accept ideas such as past karma and future karma, while the Necessity group entertains unimaginably profound positions such as the one that states that the destruction of something is a working thing.

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# Formal logic subject: A Discussion of Incorrect Logical Statements

The following presentation on incorrect "logical" statements is excerpted from An Explanation of the Art of Reasoning (rTags-rigs), by the Tutor of His Holiness the Thirteenth Dalai Lama, Purbuchok Jampa Tsultrim Gyatso (1825-1901).

Here is the second major division of our presentation, in which we explain the opposite of a correct reason: that is, incorrect reasons. We proceed in two steps: the definition of such reasons, and their various divisions.

The first of these we'll discuss in terms of disproving our opponent's beliefs, and then establishing our own beliefs. Here is the first.

Suppose someone comes and makes the following claim:

"Any reason where the three relationships fail to hold" is the definition of an incorrect reason.

This though is mistaken, for there is no such thing as an incorrect reason: everything which exists is a correct reason [to prove *something*].

Here secondly is our own position. The definition of an incorrect reason for a particular proof is:

A reason for a particular proof where the three relationships fail to hold.

Here secondly are the various divisions of incorrect reasons. Although there is not, generally speaking, any such thing as an incorrect reason, we can say that there do exist the following types of incorrect reasons in specific contexts:

- 1) Contradictory reasons for specific proofs;
- 2) Indefinite reasons for speciic proofs; and
- 3) Wrong reasons for specific proofs.

We will discuss the first of these in four steps: definition; divisions; classical examples; and supporting arguments.

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Here is the first. The definition of a contradictory reason for proving that sound is an unchanging thing is:

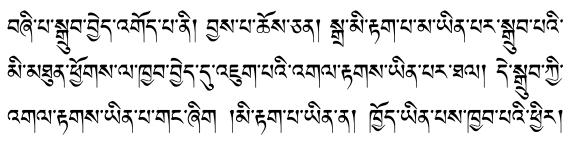
That one thing for which (1) the relationship between the subject and the reason does hold for proving that sound is an unchanging thing; and (2) the positive necessity between the reason and the quality to be proven also holds for proving that sound is *not* an unchanging thing.

[A classical example would be: Consider sound. It is an unchanging thing, because it is a made thing.]

Here secondly are the divisions.

Contradictory reasons can be divided into two kinds: those which have a relationship with the group of dissimilar cases where they cover it completely, and those which have a relationship with the group of dissimilar cases where they go both ways, [covering or not].

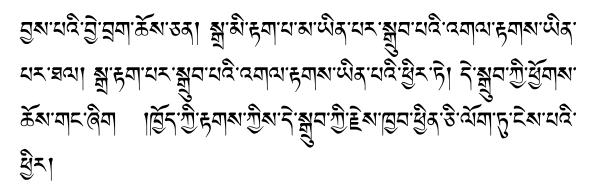
Here thirdly are the classical examples. "Something that was made" is a contradictory reason which has a relationship with the group of dissimilar cases where they cover it completely, in a proof that sound is not a changing thing. "Something which is a particular example of the general type called 'made things'" is a contradictory reason which has a relationship with the group of dissimilar cases where they go both ways, in proving the same thing.



Next is the fourth category: the supporting arguments.

Consider "something that was made."

- It is so a contradictory reason which has a relationship with the group of dissimilar cases where they cover it completely, in a proof that sound is not a changing thing,
- Because it is both (1) a contradictory reason for proving this particular thing, and (2) anything which is changing is also it.



- And consider "something which is a particular example of the general type called 'made things'."
- It is so a contradictory reason which has a relationship with the group of dissimilar cases where they go both ways, in a proof that sound is not a changing thing,
- Because it is a contradictory reason for proving that sound is an unchanging thing.
- And this is so because (1) the relationship between this reason and the subject of the particular proof holds; and (2) it is definitely the case that the positive necessity between it and the quality to be proven is diametrically false.

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Consider, moreover, this same example.

It is so a contradictory reason for proving that sound is an unchanging thing, Because it is a correct reason for proving that sound is a changing thing.

Suppose someone comes and makes the following claim:

So does there exist then a contradictory reason for proving that sound is a changing thing?

Because there does exist a contradictory reason for proving that sound is an unchanging thing.

To this we answer, "It doesn't necessarily follow."

And you could never agree [that there did exist a contradictory reason for proving that sound is a changing thing],

Because anything which is an incorrect reason for proving that sound is a changing thing must be either (1) an indefinite reason for the particular proof or (2) a wrong reason for the particular proof.



Suppose someone comes and makes the following claim:

If there exist the three relationships for any particular proof, then there must exist a correct reason for the particular proof.

Consider all knowable things.

- There must then exist a correct reason for proving that sound is an unchanging thing,
- Because the three relationships do exist for proving that sound is an unchanging thing.

You've already accepted that it necessarily follows.

- Suppose then that you say that it's not correct [that the three relationships do exist for proving that sound is an unchanging thing].
- They do too exist, because (1) there exists a relationship between the reason and the subject for this particular proof, and (2) there exists the positive necessity for the proof, and there exists the reverse necessity for the proof.

The first part of our reason here is correct, because the relationship between the reason and the subject holds when "something made" is used as the reason in a proof that sound is an unchanging thing.

Suppose you say that it's not correct [that the relationship between the reason and the subject holds when "something made" is used as the reason in a proof that sound is an unchanging thing].Consider this same thing [that is, "something made"].The relationship does too hold with it,

Because it is a contradictory reason for the particular proof.

And that's true because it is a correct reason for proving that sound is a changing thing.

And the second reason is a correct one, because that one thing which is both an existing phenomenon and something which is not momentary satisfies the positive necessity in a proof that sound is an unchanging thing.

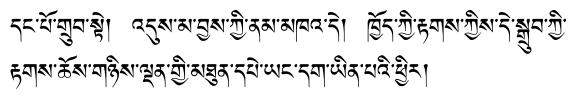
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Suppose you say that this is not correct.

Consider this same thing [that one thing which is both an existing phenomenon and something which is not momentary].

It does too [satisfy the relationship of positive necessity],

Because (1) there does exist a correct similar example which covers both the reason and the quality to be proven, in this particular proof where that "one thing" we mentioned is used as the reason; and (2) this "one thing" can be verified, through a valid perception, as something that fits only the group of similar cases, in the way it is stated, within a proof that sound is an unchanging thing.



Now the first part of our reason is correct, because "unproduced, empty space" would be a correct similar example which covers both the reason and the quality to be proven in this particular proof, where the "one thing" we mentioned is used as a reason.

- And the second part of our reason is correct, because "that one thing which is both an existing phenomenon and something which is not momentary" is something that fits only the group of similar cases, in the way it is stated, within this particular proof.
- And this is because it is, in fact, the definition of something which is unchanging.

The third part of our reason above, [that there exists the reverse necessity for the proof,] is also correct. This is because that one thing which is both (1) an existing phenomenon and (2) something which is not momentary fulfils that same necessity.

Now suppose you say that our last reason is not correct.

- Consider this same thing [that is, that one thing which is both (1) an existing phenomenon and (2) something which is not momentary].
- It does so fulfil the reverse necessity for the proof that sound is an unchanging thing,
- Because there does exist a correct dissimilar example for the proof in which it serves as the reason; that is, an example which possesses neither the reason nor the quality to be proven for the particular proof. And it can also be verified, through a valid perception, that it only does not fit the group of dissimilar cases for the proof.

# न्या हिंदामगायायाध्येत्रायदेधिमा

Suppose finally that you agree to the original statement: [that is, you agree that there must exist a correct reason for proving that sound is an unchanging thing].

Consider then sound.

It is rather so, that there exists no correct reason for proving that sound is an unchanging thing;

Because it is not something which is unchanging.

$$\begin{split} \tilde{A}^{*}A^{*}A^{*} & = \frac{1}{2} + \frac{1}{2}$$

Suppose someone comes and makes the following claim:

It must then be so, that there is something for which all three relationships hold, in proving that sound is an unchanging thing; Because there is something which fulfils the relationship between the subject and the reason for this proof; and there is something which fulfils the positive necessity for the proof; and there is something which fulfils the reverse necessity for the proof.

To this we reply, "It doesn't necessarily follow."



Here secondly is our explanation of an indefinite reason; we will proceed first with a definition, and then with the various divisions of this reason. Here is the first of these.

The following is the definition of an indefinite reason for proving that sound is an unchanging thing:

That one thing for which (1) the relationship between the subject and the reason for proving that sound is an unchanging thing does hold; (2) the reverse relationship between the reason and the subject for proving that sound is an unchanging thing does not hold; and (3) the reverse relationship between the reason and the subject for proving that sound is *not* an unchanging thing doesn't hold either.

[A classical example would be: Consider sound. It is an unchanging thing, because there is no such thing as antlers on a rabbit's head.]

Here secondly are the divisions. This kind of reason can be divided into two: unique indefinite reasons for a particular proof, and common indefinite reasons for a particular proof. We will discuss the first of these two in two steps: its definition, and a classical example for it.

Here is the first. The definition of something which is a unique indefinite reason for a particular proof is:

That one thing which is both (1) an indefinite reason for a particular proof; and (2) such that a person who already recognizes that it fulfils the relationship between the subject and the reason for the particular proof has yet to verify either one of the following: that it fits the group of similar cases for the proof, or that it fits the group of dissimilar cases for the proof.

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Here secondly are some classical examples.

The following are all both unique indefinite reasons for proving that sound is an unchanging thing, and unique indefinite reasons for proving that sound is a changing thing:

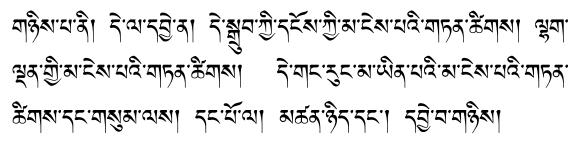
something you can hear; the reverse of all that is not sound; and the reversal of sound.

ุ่สุเจิญานาสูสามั้นานนิ้ามานิ้าสารสาชีสาญาณา มธ์สาชิญา ๆ ฏิเนาสาชิญา બશ્રા ૧૮ મેં દ્વા દ્વિંદ કે સુવ ગુ સ દેશ મહે ગાફ ન જે નાય ગાદ લેવા દ્વિંદ કે સુવ ય ભાર્ દુવાય દેશ અનુ મુંચેન મારે મારે સાથ મારે મુંચેન મુંચે સુધાય ભાર્થમાં મુંચેન મુંચે સાથ ભાર્થમાં મુંચેન સુધાય ભાર્થમાં મુંચેન સુધાય ભાર્થમાં મુંચેન સુધાય ભાર્થમાં મુંચેન સુધાય ભાર્થમાં સુધાય ભારથમાં સુધાય ભાય ભારથમાં સુધાય ભા นระวิพานารรา กระอกริพาริาฐาวฏิพาพยูลาย์กพาณาณ์รานระวิพานากรา रुदायदाय्ये महिम्बुरायदी हिंदाने क्रुवायी हिंदाने क्रुवायी हुराये कार्य कार्य महिता ส์สางาฏิเลส์สาริรา

We will discuss the second type, common indefinite reasons, in two steps as well: definition, and divisions. Here is the first.

The definition of a common indefinite reason is:

That one thing which is both (1) an indefinite reason for a particular proof; and (2) such that a person who already recognizes that it fulfils the relationship between the subject and the reason for the particular proof has either verified (a) that it fits the group of similar cases for the proof, or (b) that it fits the group of dissimilar cases for the proof.



Here is the second. These types of reasons may be divided into three: those which are direct indefinite reasons for a particular proof; those which are uncertain indefinite reasons for a particular proof; and those indefinite reasons which are neither of the first two. Again we will discuss the first of these in terms of its definition and its divisions.

Here is the first. The definition of something which is a direct indefinite reason is:

That one thing which is both (1) an indefinite reason for a particular proof; and (2) such that a person who already recognizes that it fulfils the relationship between the subject and the reason for the particular proof has verified that it fits both the group of similar cases and the group of dissimilar cases for the proof.

Here secondly are the divisions of this type of reason. They come in four different types:

- 1) Those direct indefinite reasons that cover both the group of similar cases and the group of dissimilar cases for the particular proof;
- 2) Those same kinds of reasons that cover the group of similar cases for the particular proof, but which go both ways as far as its group of dissimilar cases;
- 3) Those same kinds of reasons that cover the group of dissimilar cases for the particular proof, but which go both ways as far as its group of similar cases; and
- 4) Those same kinds of reasons that go both ways as far as both the group of dissimilar cases and the group of similar cases for the particular proof.

Here are respective classical examples for each of these types.

1) The fact that there are no such things as rabbit antlers would be a direct indefinite reason that covers both the group of similar cases in a proof that sound is an unchanging thing, and the group of dissimilar cases for this same proof.

# 

2) "Changing thing" would be a direct indefinite reason that covers the group of similar cases in a proof that the sound of a conch shell is something produced through a conscious effort, but which goes both ways as far as the group of dissimilar cases for this same proof.

3) "Changing thing" would be a direct indefinite reason that covers the group of dissimilar cases in a proof that sound of a conch shell is not something produced through a conscious effort, but which goes both ways as far as its group of similar cases.

4) "Sense consciousness" would be a direct indefinite reason that goes both ways as far as both the group of dissimilar cases and the group of similar cases in a proof that a sense consciousness which thinks there are two moons [where there is only one] is a direct [valid] perception.

Here secondly is our discussion of uncertain indefinite reasons; we will repeat the two steps of their definition and their divisions. Here is the first.

The definition of something's being an uncertain indefinite reason for a particular proof is the following:

That one thing which is both (1) a common indefinite reason for a particular proof; and (2) such that a person who already recognizes that it fulfils the relationship between the subject and the reason for the particular proof has either (a) already verified that it fits the group of similar cases for the proof, but is still uncertain whether it fits the group of dissimilar cases for the proof or not; or else (b) already verified that it does fit the group of dissimilar cases for the proof, but is still uncertain whether it fits the group of similar cases for the proof or not.

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Here secondly are the divisions of this type of reason. There are two: correct uncertain indefinite reasons and contradictory uncertain indefinite reasons.

The definition of something's being a correct uncertain indefinite reason for a particular proof is:

That one thing which is both (1) an uncertain indefinite reason for a particular proof; and (2) such that a person who already recognizes that it fulfils the relationship between the subject and the reason for the particular proof has already verified that it fits the group of similar cases for the proof, but is still uncertain whether it fits the group of dissimilar cases for the proof or not.

The definition of something's being a contradictory uncertain indefinite reason for a particular proof is:

That one thing which is both (1) an uncertain indefinite reason for a particular proof; and (2) such that a person who already recognizes that it fulfils the relationship between the subject and the reason for the particular proof has already verified that it fits the group of dissimilar cases for the proof, but is still uncertain whether it fits the group of similar cases for the proof or not.

Here are some examples, in the order we gave the definitions. An example of the first would be giving "because he is making pronouncements" as a reason for proving that John, who is making pronouncements, is not an omniscient being—and giving this reason to someone who doubts the existence of an omniscient being.

The same reason presented to the same person to prove that John, who is making pronouncements, *is* an omniscient being would be an example of the second type.

Here thirdly we'll explain those common indefinite reasons which are neither the direct nor uncertain types. Again we proceed in terms of definition and classical example.

Here is the first. The definition of something being a common indefinite reason which is neither the direct nor the uncertain types for a particular proof is:

That one thing which is both (1) a common indefinite reason for a particular proof; and (2) such that a person who already recognizes that it fulfils the relationship between the subject and the reason for the particular proof has already verified either that it fits only the group of similar cases for the proof, or that it only doesn't fit the group of dissimilar cases for the proof.

Here secondly is our classical example. "[Because there is a] taste of sugar in the present time" is a common indefinite reason which is neither the direct nor the uncertain types in a proof that a lump of sugar in one's mouth has the visible appearance of a lump of sugar in the present time.

Here third is our presentation on wrong reasons. Again we proceed in two steps of definition and divisions. Here is the first.

The definition of a wrong reason for any particular proof is:

That which (1) has been put forth as a reason for a particular proof, but (2) for which the relationship between the subject and the reason does not hold.

Here secondly are the divisions of wrong reasons for particular proofs. There are three different types:

- 1) Reasons which are wrong relative to meaning.
- 2) Reasons which are wrong relative to a state of mind.
- 3) Reasons which are wrong relative to the particular opponent.

नदः संग्रि ह्यासः ग्रीम्दे संग्रीन्द्र स्वार्थ्य स्वाप्त्र के स्वार्थ्य स्वार्य स्वार्थ्य स्वार्थ्य स्वार्थ्य स्वार्थ्य स्वार्थ्य स्वार्थ्य स्वार्य्य स्वार्य्य स्वार्थ्य स्वार्थ्य स्वार्थ्य स्वार्य्य स्वार्य्य स्वार्य्य स्वार्य्य स्वार्य्य स्वार्य्य स्वार्य स्व स्वार्य स्वाय्य स्वाय्य स्वाय्य स्वाय्य स्वाय्य स्वार्य स्वार्य स्वार्य स्वाय्य स्वाय्य स्वाय्य स्वाय्य स्वार्य स्य स्वाय्य स्वाय्य स्वाय्य स्वय्य स्वाय्य स्वय्य स्वय्य स्वय्य स्वय्य स्वाय्य स्वय्य स्वय्य स्वय्य स्वय्य स्वय्य स्वय्य

# มส์สาฤดิ์ กิมานาลูก

The first of these may itself be divided into seven different types:

- 1) Reasons which are wrong because the very nature of the reason is non-existent.
- 2) Reasons which are wrong because the very nature of the subject is non-existent.
- 3) Reasons which are wrong because the reason and the quality to be proven are indistinguishable from one another.
- 4) Reasons which are wrong because the subject and the reason are indistinguishable from one another.
- 5) Reasons which are wrong because the subject and the quality to be proven are indistinguishable from one another.
- 6) Reasons which are wrong because the reason does not pertain to the subject in the way it has been said to in the statement of the proof.
- 7) Reasons which are wrong because some part of the reason fails to belong to the subject under consideration.

The following are respective examples of these types of reasons, in particular proofs:

1)

Consider a particular person. They are a suffering being, Because they have been impaled on a rabbit's antlers.

2)

Consider the antlers on the head of a rabbit. They are a changing thing, Because they were made.

भू केंश उठा शे हगा है। शे हगा राण्ये राय हे ही ने भून শ্রীমাধ্যুষ্ণামান্দা

3)Consider sound.It is a changing thing,Because it is a changing thing.

भ्रुकेंशण्डता सेंग्हनान्ध्री श्रुण्येतप्ययेन्ध्रेना वेशण्यर्गेनपयेकी नेन्भूमण्गेमवे 51.22.1

4) Consider sound. It is a changing thing, Because it is sound.

સ્યું ર્કેશ ચ્વા સુપ્પે વ છે નુશ્ર પવે છે તા લેશ વર્ગે ન પવે છે ને સુવ ગો જે જ 55'1

5) Consider sound. It is sound, Because it is something which was made.

શ્च केंग्र ज्या ग्रेम्या है। ग्रेया विश्व ग्रेंग्र पत्र प्रेय परे हैना विश्व पर्य र 6)

Consider sound. It is a changing thing, Because it is something that you see with your eyes.

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7) Consider a fruit tree. It must be a conscious thing, Because its leaves curl up and night and seem to sleep.

This brings us to the second kind of wrong reason: the one that is wrong relative to a state of mind. Here there are four different types:

- 1) Reasons that are wrong because the opponent entertains doubt about the very nature of the reason.
- 2) Reasons that are wrong because the opponent entertains doubt about the very nature of the subject.
- 3) Reasons that are wrong because the opponent entertains doubt about the connection between the subject and the reason.
- 4) Reasons that are wrong because there is nothing that the opponent has yet to understand.

The following are respective examples of these four, for particular proofs.



1) The following proof, presented to a person who has yet to confirm to himself that "flesh-eaters" [a kind of ghost] actually exist:

# Consider sound.

It is a changing thing,

Because flesh-eaters are something which can be cognized through valid perception.

2) The following proof, presented to a person who has yet to confirm to himself that "smell-eaters" [spirits in the *bardo* or inbetween state] actually exist:

Consider the song of the smell-eaters. It is a changing thing, Because it is something that was made.

3) The following proof, presented to a person who doesn't know where a particular peacock is:

Consider that mountain vale over there. There must be a peacock living there, Because we can hear a peacock crowing.

4) The following proof, presented to the glorious Dharmakirti:

Consider sound. It is a changing thing, Because it is something that was made.

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Here thirdly is our explanation of reasons which are wrong relative to the particular opponent. There are three different kinds of these reasons:

- 1) Reasons which are wrong relative to the proponent.
- 2) Reasons which are wrong relative to the opponent.
- 3) Reasons which are wrong relative to both the opponent and the proponent.

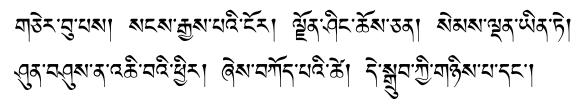
Here are respective examples for these three types of reasons, in particular proofs.

1) The following proof, presented to a Buddhist by a Numerist [of member of the Sangkya, a non-Buddhist school of ancient India]:

Consider the intellect.

It is something devoid of mind,

Because it is something which starts and stops.



2) The following proof, presented to a Buddhist by a member of the Unclothed [or Jain school of ancient India]:

Consider a fruit tree. It must have a mind, Because it dies when you peel its bark.

ग्रद्भाउन ग्रीश मुद्द प्येन परि देना झुर्केश उना से हना हो सेना पेश ग्रीश 

3) The following proof, presented to a member of the Rejectionist [Lokayata] school by one of the Unclothed [Jain] school [both non-Buddhist groups of ancient India]:

Consider sound. It is a changing thing, Because it is something you see with your eyes.

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# The forms of debate: **The traditional debate year**

The following annual calendar for Sera Mey Tibetan Monastery gives a good picture of the schedule of study followed by all monks in the geshe program at the monastery. It is a traditional schedule which developed at the original Sera Mey in Lhasa, Tibet, over the centuries; since the rebuilding of Sera Mey in south India, the schedule has been reinstated—with a certain number of variations from the one used in Tibet—and is now followed closely, with some exceptions due to the need to work in the monastery cornfields and so on. Below is a translation of the annual calendar as it is currently posted on at the main temple of the monastery; the notes and some amendations to the calendar were completed with the help of Khen Rinpoche Geshe Lobsang Tharchin, a former abbot of the monastery.

> Annual Calendar of Debates, Examinations, and Other Special Events at Sera Mey Tibetan Monastery Bylakuppe, South India

# Schedule of Regular Dharma Sessions

The following are the eight traditional "dharma sessions" (chos-thog) that make up the standard periods of monastic study at Sera Mey Monastery. The first Tibetan month, by the way, normally falls in February or March of the western calendar. The dates below are the same for any given year, independent of the day of the week, and follow the waxing and waning of the moon.

# Session One: The Earlier Dharma Session of Spring (dPyid-chos dang-po)

Starting assembly: 26th of the first Tibetan month First firewood break: 27th and 28th of the first Tibetan month

> The "firewood break" (shing-slong), or literally "time for requesting firewood from sponsors" follows immediately after the starting assembly (yar-tsogs). This assembly features prayers for the success of the session, and is attended by all monks who intend to participate for this period. It is also during this assembly that young monks who have been deemed ready by the abbot, the debate master, and their house teacher undergo the ceremony of intitiation into the debate park. These "newbies" are known as sarshuk (gsar-zhugs), or "newly entered." They are expected to demonstrate their commitment to the debate session through perfect attendance, and especially serious study and debate, for the entire length of the session.

> In Lhasa, a head-count was taken during the starting assembly in order to determine the cooking and other needs. During the next two days, teams of monks would go out to help find firewood for the monastery kitchen, based on the head-count.

The first day of the firewood break was devoted to visiting lay communities in the countryside outside of Lhasa city to ask for firewood; families in these villages knew what day to expect the monks, and considered it an honor to prepare a good supply of wood in advance. On the second day the monks would travel to Lhasa city proper to request fuel. This supply of wood would have to last about two weeks, until the "mid-term firewood break" (rked-pa'i shing-slong).

Great debate examinations: *tsokrampa* geshe examinations, 28th to the 30th of the first Tibetan month

During specific sessions, intense debate examinations are held for candidates standing for various degrees at the monastery. The most well known of these degree titles is the geshe. The word "geshe" (kalyāṇa mitra in Sanskrit, or dge-bshes in Tibetan) literally means "spiritual friend," and is a term from the earliest days of Buddhism in India. Later, great masters among the first Tibetan Buddhists—the Kadampas—were called "geshe" out of respect for their learning and high level of practice.

As monastic institutions began to form in Tibet, the word "geshe" came to be used as a title. It was originally used in the early "Big Three" monasteries of Sangpu (gSang-phu), Kyormo Lung (sKyor-mo lung), and Gadong (sGagdong). Sangpu, for example, was founded around the middle of the eleventh century.

Sangpu had two colleges within the confines (or gseb) of the monastery as a whole (known as the gling); early geshe candidates had to make their debate defense at a combined assembly of the two, and came to be known as lingse geshes, a corruption of the word lingsep (gling-gseb). The Great Dictionary of the Tibetan Language and other sources take the word lingse to mean gling-bsre, or a defense before the "combined" (bsre) assemblies of the two colleges in the monastery (gling). In either case, the point is the same.

At Sera Mey, there are typically four lingse geshe degrees conferred per year: these come in two pairs known as the "summer lingse" and the "winter lingse." Geshes of this rank go through an examination process within their own monastery, as described in a previous reading for this course. During some of their defenses, these and other geshe candidates are required to provide an elaborate series of refreshments, involving some served to the entire assembly of their monastery. This ceremony is known as the "Thirteen-Course Tea and Broth" (Ja-thug bcu-gsum).

During other defenses, lingse candidates need only provide a series of ten tea offerings on the day when they undergo a special part of their examination which involves reciting a great many pages of scripture from memory. This test is called a geshe shepa (dge-bshes bshad-pa); and since the major refreshments of tea and broth are not served to the entire assembly this time, the presentation is known as a "dry recitation" (skam-bshad).

Below the rank of lingse geshe is the rikrampa (rigs rams-pa), and the next higher rank after the lingse is the tsokrampa (tsogs rams-pa). In both cases, the word rampa refers to the veritable myriad (rab-'byams, shortened to rams-pa) number of great Buddhist classics that a geshe must master. The word tsok in tsokrampa refers to the Session of the Great Assembly (Tsogschos), an annual meeting in Lhasa city of the six great colleges. Here there are two each for the "Great Three" monasteries of later times: Sera, Ganden, and Drepung, all founded around the opening of the fifteenth century. Representatives from Deyang (bDe-yangs) monastery would also attend this gathering, during which the candidates for the tsokrampa rank would have to defend their knowledge.

The Great Assembly traditionally began on the 20th of the second Tibetan month, and ended on the 30th. This is the time it would take to complete the examination of one or two tsokrampa candidates from each college per year.

Candidates for the highest rank of geshe, the hlarampa (hla rams-pa), are examined during the Great Prayer Festival, or Munlam Chenmo. This festival was instituted by Je Tsongkapa in the 15th century as a great dharma celebration for the New Year. Since it was held in the capital city of Lhasa (Hla-sa), these geshes became known as hlarampa. Each of the six colleges normally nominates two candidates per year for the rank of hlarampa, although on some occasions it may be as many as four.

First actual debate session: begins 1st of the second Tibetan month Mid-term firewood break: 5th and 6th of the second Tibetan month Second actual debate session: begins 7th of the second Tibetan month Auspicious conclusion: 18th of the second Tibetan month

The "Auspicious Conclusion" (Shis-brjod) is a day of prayer and celebration for the successful end of another dharma session; it is marked by special recitations known as "pronouncing" (brjod) the "auspiciousness" (bkra-shis, the "trashi" in "trashi delek"). These prayers are done in a unique melody or yang (dbyangs). On this day too, the abbot of the monastery will often deliver a special dharma teaching.

### Intersession break (Chos-mtsams):

19th of the second Tibetan month to the 7th of the third Tibetan month

### Session Two: The Great Dharma Session of Spring (dPyid-chos chen-mo)

Starting assembly: 8th of the third Tibetan month
First firewood break: 9th and 10th of the third Tibetan month
Great debate examinations: summer *lingse* geshes, 11th to the 12th of the third Tibetan month
First actual debate session: begins 13th of the third Tibetan month
Mid-term firewood break: 22nd and 23rd of the third Tibetan month
Second actual debate session: begins 24th of the third Tibetan month
Auspicious conclusion: 7th of the fourth Tibetan month

**Intersession break:** 8th of the fourth Tibetan month to the 16th of the fourth Tibetan month

### Session Three: The Earlier Summer Dharma Session (dByar-chos dang-po)

Starting assembly: 17th of the fourth Tibetan month First firewood break: 18th and 19th of the fourth Tibetan month Great debate examinations: (no geshe debates) First actual debate session: begins 20th of the fourth Tibetan month Mid-term firewood break: (none) Second actual debate session: (none)

Auspicious conclusion: 1st of the fifth Tibetan month

**Intersession break:** 2nd of the fifth Tibetan month to the 16th of the fifth Tibetan month

### Session Four: The Great Dharma Session of Summer (dByar-chos chen-mo)

Starting assembly: 17th of the fifth Tibetan month
First firewood break: 18th and 19th of the fifth Tibetan month
Great debate examinations: summer *lingse* geshes ("dry recitation") and *rikram* geshes; 20th to the 23rd of the fifth Tibetan month
First actual debate session: begins 24th of the fifth Tibetan month
Mid-term firewood break: 2nd and 3rd of the sixth Tibetan month
Second actual debate session: begins 4th of the sixth Tibetan month
Auspicious conclusion: 15th of the sixth Tibetan month

**Intersession break:** 16th of the sixth Tibetan month to the 16th of the seventh Tibetan month; includes *rikram* geshe exams, summer *lingse* geshe exams, *rikchung* pre-geshe exams, and *rikdra* inter-monastic debates

The rikdra (rigs-grva) inter-monastic debates begin on the last day of the sixth Tibetan month and last until the 15th day of the seventh Tibetan month. During this time, thirty debaters from Sera Mey debate with thirty counterparts from the sister monastery of Sera Jey in the main assembly hall (tsogs-chen) shared by both monasteries for major events such as the biweekly monks' purification ceremony, or sojong (gso-sbyong).

During this time, pairs of debaters match off twice a day, once in the morning and once in the evening, for fifteen days. In a typical session, the proponent (snga-rgol) will be responsible for a lengthy recitation of scripture from memory, after which his opponent (phyi-rgol) is charged with posing a difficult series of formalized debate questions. In Tibet, the combined monasteries of Sera Mey and Sera Jey had joint holdings of property, and the income from these would be used during this session to supply all the monks attending with gifts of Tibetan pastries (kabse) and roasted barley flour, or tsampa.

It is also during this time that the rikchen (rigs-chen), or advanced pre-geshe debates, are held. Here a student who intends to take a higher geshe degree engages in a difficult and highly formalized debate against a similar candidate from the sister monastery. Other students in the monastery during this time are engaged in special examinations, administered by the abbot and debate master of their home monastery, during which they are required to recite, from memory, about 100 pages of scripture.

# Session Five: The Water Dharma Session (Chab-zhugs chos-thog)

Starting assembly: 17th of the seventh Tibetan month First firewood break: 18th and 19th of the seventh Tibetan month Great debate examinations: (no geshe debates) First actual debate session: begins 20th of the seventh Tibetan month Mid-term firewood break: (none) Second actual debate session: (none) Auspicious conclusion: 30th of the seventh Tibetan month

The "Water" Session (Chab-zhugs) is possibly given this name due to the fact that, during the period following the especially intense Great Session of Summer, students in the geshe program finally have enough time to relax and "enter the water" (chabzhugs), or take a nice slow bath. The rikchung and rikchen (preliminary and advanced pre-geshe debates) have been completed, as have the grueling rikdra intermonastic debates, and memorization exams. Students would be allowed take breaks in special parks throughout out the monastery, and traditional folk-dance troupes would come there at times, to perform the "goddess" plays (lha-mo).

**Intersession break:** 1st of the eighth Tibetan month to the 7th of the eighth Tibetan month; this is the main "water break"

# Session Six: The Dharma Session of Medicine Buddha (sMan-bla chos-thog)

Starting assembly: 8th of the eighth Tibetan month First firewood break: 9th and 10th of the eighth Tibetan month Great debate examinations: (no geshe debates) First actual debate session: begins 11th of the eighth Tibetan month Mid-term firewood break: 22nd and 23rd of the eighth Tibetan month Second actual debate session: begins 24th of the eighth Tibetan month Auspicious conclusion: 7th of the ninth Tibetan month

This session takes its name from the fact that an extensive Medicine Buddha rite is held on the 11th of the eighth month.

**Intersession break:** 8th of the ninth Tibetan month to the 16th of the ninth Tibetan month

# Session Seven: The Great Dharma Session of Autumn (sTon-chos chen-mo)

Starting assembly: 17th of the ninth Tibetan month First firewood break: 18th and 19th of the ninth Tibetan month

Great debate examinations: winter *lingse* geshe examinations, 20th and 21st of the ninth Tibetan month
First actual debate session: begins 22nd of the ninth Tibetan month
Mid-term firewood break: 2nd and 3rd of the tenth Tibetan month
Second actual debate session: begins 4th of the tenth Tibetan month
Auspicious conclusion: 16th of the tenth Tibetan month

**Intersession break:** 17th of the tenth Tibetan month to the 16th of the eleventh Tibetan month

# Session Eight: The Great Dharma Session of Winter (dGun-chos chen-mo)

Starting assembly: 17th of the eleventh Tibetan month
First firewood break: 18th and 19th of the eleventh Tibetan month
The great examinations: 20th to the 23rd of the eleventh Tibetan month; debate
examinations for the winter *lingse* geshes and *hlarampa* geshes, the former presenting their "dry recitation"

First actual debate session: begins 24th of the eleventh Tibetan month Mid-term firewood break: 12th and 13th of the twelfth Tibetan month Second actual debate session: begins 14th of the twelfth Tibetan month Auspicious conclusion: 16th of the twelfth Tibetan month

### Intersession break

This break features further examination of winter *lingse* geshes, the Tibetan New Year, and the Great Prayer Festival; it begins on the 17th of the twelfth Tibetan month and ends on the 25th of the first Tibetan month.

# **Annual Special Events**

**Passing On of Kedrup Tenpa Dargye** (*mKhas-grub dgongs-rdzogs*) 14th day of the fifth Tibetan month

Kedrup Tenpa Dargye (1493-1568) was an illustrious scholar from Sera Mey who wrote many of the monastery's textbooks. On special days like this, the monastery will be covered at night in strings of brightly colored electric lights that look like our Christmas-tree lights.

# Summer Offering to the Two Dharma Protectors (Chos-skyong rnam-gnyis kyi dbyar-gsol)

15th day of the fifth Tibetan month

This particular day every year is known throughout Tibet as the "Day of Auspiciousness throughout the World" ('Dzam-gling spyi-bzang). At Sera Mey, the occasion is used as an opportunity to thank the dharma protectors of the monastery for their help, and to request that they continue their sacred deeds. The two protectors here are Chamsing (ICam-sring) and Taok (Tha-'og). The protector Chamsing is shared with other monasteries, while Taok is a unique protector for Sera Mey. Please note that these two protectors have nothing to do with the current dharma protector controversy.

#### Rikchung (Pre-Geshe Degree) Debates

25th to the 28th of the sixth Tibetan month

#### First team

### Proponent takes the subject "Turning of the Wheel," opponent takes "Book of Maitreya": 25th of the sixth Tibetan month

Each of the subjects mentioned here are important topics from the Ornament of Realizations, spoken to the realized being Asanga by Lord Maitreya around 350 AD.

#### Second team

Proponent takes "Sutra and Commentary," opponent takes "Final End": 26th of the sixth Tibetan month

#### Third team

Proponent takes "Wish for Enlightenment," opponent takes "Path of Preparation": 27th of the sixth Tibetan month

#### Fourth team

**Proponent takes "Three Refuges," opponent takes "Buddha Nature":** 28th of the sixth Tibetan month

#### **Summer Examinations**

8th of the seventh Tibetan month

#### **Extensive Medicine Buddha Rite**

11th of the eighth Tibetan month

#### **Great Winter Examinations**

8th of the eleventh Tibetan month

### Assembly of the Great Offering Ceremony for the Prayer of Maitreya (Byams-smon sgrub-mchod chen-mo yar-tsogs) 25th of the eleventh Tibetan month

Khen Rinpoche notes that, in Tibet, this entire ceremony took nearly a month. The 17th of the eleventh month marks the opening ceremony for the session, and is followed by two days of a firewood break. The 20th and 21st are marked by the "dry recitations" for the winter lingshe geshes, and then the next three days are examinations for the hlarampa candidates. Finally, on the 25th, the actual prayer begins: all of the monks together recite the entire relevant work by the Buddha from memory. At Sera Jey, the recitation for this period is the Prayer of the Deeds of Samanta Bhadra (bZang-spyod smon-lam), also by Lord Buddha. The Prayer of Maitreya continues until the 13th of the twelfth Tibetan month.

# **Great Torma Offering of the Twenty-Ninth** (*dGu-gtor chen-mo*) 29th of the twelfth Tibetan month

This is one of the year's biggest prayer ceremonies; the next day is the last day of the year, the new (black) moon (gnam-gang).

### Presentation of the Debate Ground Schedule (Chos-grvar tsogs-gtam 'bulyun)

16th of the third Tibetan month; 26th of the fifth Tibetan month; 16th of the eighth Tibetan month; and 26th of the ninth Tibetan month

On these four dates of the year, the debate master (dge-bskos) stands in the assembly of the debate park to announce the schedule for the coming period. He also outlines the duties that different members of the monastery will be expected to fulfill during this time, and reviews the general rule of behavior for the monastery from the monastery constitution (rtza-khrims, also known as a bca'-yig). This document for Sera Mey was written by His Holiness the Eighth Dalai Lama, Jampel Gyatso (1758-1804); copies were very rare following the invasion of Tibet. A complete carving was located and supplied to Sera Mey several years ago by Asian Classics Input Project staff at the Oriental Library of the Russian Academy of Sciences in St Petersburg, Russia. The Asian Classics Institute Course XIII: The Art of Reasoning

Supplement to Reading Ten

रियासायवे वर्षे सूरसा

*Rikpay Drotang* Debating Format, Part Three

ลศัสาราสาณาพรลาพัรานลิายู่สา

*Korwa la ta yupay chir* A: Because the cycle of pain does have an end.

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*Tak madrub* B: Wrong.

จศัสาราวาณาพยาพิรานสายณา

*Korwa la ta mepar tel* A: Are you telling me the cycle of pain doesn't have an end?

#### Course XIII: The Art of Reasoning Supplement to Reading Ten



*Du* B: Right.

येन-ने।

*Me de* A: Why not?

จศัสาราจาจาร์สามิเพลจาพิราจจาร์มูลา

*Korwa la ngun gyi ta mepay chir* B: Because the cycle of pain has no front end.

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*Kyappa ma jung* A: That doesn't mean it can't have an end!

จศัราวาณาพยลาพ์รานรายณา

*Korwa la ta yu par tel* B: Are you telling me the cycle of pain does have an end?

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*Du* A: Right.

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*Yu de* B: Why so?

ลศัสาราลาผู้ลิเพลลาพัรานลิเผู้สา

*Korwa la chiy ta yupay chir* A: Because the cycle of pain has a back end.

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*Yude* B: Why so?

Dakdzin gyi nyenpo top den yupay chir

A: Because there is a powerful antidote that will smash our habit of seeing things as self-existent.