

school since it unifies all sciences with the absolute value system centering on God.

In this sense, this symposium builds up the flow of a new science with Unification Thought as the centripetal point. Hence I think this should be a gathering by which the movement of science with a new viewpoint quickens.

The papers to be presented this time are new in terms of their composition and creativity, and each bears the hard work of the presenters. I would like to request all of you to show keen interest in them and hold lively discussions on them. A culture of heated and highly-spirited discussions must fixate in order for a school of science to be formed. Through the course of such discussions, some theory or ideology will be substantiated and the 'durability' of that ideology can be solidified. 'Coolheaded' logic and stringent criticism are the life-force of the world of science. Even Unification Thought can only be activated through a culture of lively discussions.

Moreover, the meeting of the oriental and occidental scholars centering on Unification Thought becomes the cornerstone of a peace movement. Political or economic exchanges are limited by the profit of one's country. On the contrary, a meeting in the real sense of the word is only possible when spirit and truth-seeking spirit, ideology and ideology meet.

May this symposium be a meeting of such kind of spirits and that of souls, and a genuine movement of peace be realized. The settlement of peace in the era of global village begins from a truth-seeking spirit. In this sense, cultural exchange and the meeting of ideologies which make Unification Thought their media have a very significant meaning. When that happens, Unification Thought will have contributed to the settlement of peace in the era of global village. It is my fervent hope that excellent fruits be borne through today's discussions, even within an unprepared environment. I promise all of you a more wonderful and prepared environment in future. Thank you very much.

Research Direction of the Unification Thought and Glimpse of the Epistemology in the Give-and-Receive Rule Aspect

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Introduction

Dr. Sang-hun Lee compiled "The Unification Thought" based on "the Divine Principle" of Rev. Sun Myung Moon. But "Essentials of Unification Thought — the Head - Wing Thought" endeavored, written by Dr. Lee is nothing but a pilot leading to the Unification Thought as I mentioned. He emphasized and requested that we have to complete Unification Thought.

The Unification Thought is distinct from all the existing philosophies which seek to find the essentialities of Human. Unification Thought is not oriented to the human standard of value but oriented to God's. This is invaluable to those who are to unite with God and to those who make God's Ideal: Heaven on Earth to be realized. Therefore, we are obliged wholeheartedly to complete Unification Thought founded on the base Dr. Lee laid for the generations yet to come.

This work is to facilitate the above mentioned remarks and to make some suggestions regarding to its problem, its direction and its contents conveying my personal view, especially the Epistemology in the Give-and-Receive Rule aspect.

In this paper I manifested that the Unification Epistemological system subject to the Give-and-Receive Action which is centered around the stage structure of the "Internal character" and "external form" of Essential Being does not contradict to the Western Epistemological System based on the Divide Rule; nor to the Oriental eigen-Epistemological system based on Undivide Rule, but rather goes well with each of them. It clearly indicates that the Unification

Epistemology encompasses both systems.

I . Orientation and Contents of the Work

I would like to suggest the followings to be considered to establish the Unification Thought:

1) It is to make connection between all the contents of the Essentials of Unification Thought by Dr. Lee and the existing scholarly system. Especially, we have to remove unconditionally any factor(s) from them which are contradict to the very fact that the scientific and religious value are in unity. We have to supplement Unification Thought whichever lacks in comparison with the rest. For example, the stage structure of the "Internal character" and "external form" of Essential Being described in Unification Thought should be compared with the existing concept of the East and the West throughout the ages and should be enhanced and supplemented by the comparison.

2) We have to prove dialectically that the existing value contradicts to Unification Thought and that Unification Thought value has the everlasting value of human as Dr. Lee criticized the contradiction of Marxism keenly term by term in comparison with Unification Thought. Up until he passed out year before last he spent many of his time to point out the mistakes and the contradiction of Darwinism in standpoint of the theory of creation and to explain all the religions in Unification Thought.

3) We have to manifest that Unification Thought is not only the base of the humanity as the Thought founding all knowledge but also reinterpret the science in accordance with Unification Thought. For this reason Unification Thought has unique value itself. We are obliged to conform that Unification Thought is the fundamental thought in Universe by completing Axiologic, Theory of Education, Ethics, Theory of Art, Theory of History, Epistemology, Logics, and so on in Unification Thought in accordance with the Divine Principle.

I . Fundamental Structure of Epistemology

The structure of human eye differs from that of a dragonfly. The human eye is a stemma while the dragonfly's eye is a stemmata. The stemmata can see an object of diffuse image in all direction while the

stemma can see the object of sharp image in a limited angle, 120.

It makes an object different in cognition due to different media. For example, when we look at an object in water, it looks larger than the actual size due to the refraction of light and looks shallow, too. On the other hand, a fish in water finds an object above the water surface look wider in angle. Like manner, our cognition system may alter our knowledge attained and its development likewise, and its value as well. And the overwhole picture of civilization may differ due to these differences. The West and the East cultural difference are due mainly to this cognition system and to its development method.

1. Epistemological System of Give-and-Receive Rule

Since epistemological system is like a structure of an eye the criterion of an object and the value standard could be different for a different epistemological system. Hence a value conversion could take place. And since custom, tradition and culture are like a medium the world view of one cultural society can differ from the other for a different cultural background: like custom, tradition, social system, thought, religion, etc. Therefore, it is very important to select correct epistemological system and to cognize a cultural circumstance right.

Dr. Lee pointed out that Unification Thought epistemological method differs from Kant's transcendental method and from Marxist materialist dialectic method. It is of "Give-and-Receive Action" between a subject and an object. In Methodological standpoint of view the Unification Thought epistemology is "Give-and-Receive Action" type epistemology. And he said that as it said in the Divine Principle every being is the combined body of the internal character and external body, there are "internal Give-and-Receive Action" and "external Give-and-Receive Action" in "Give-and-Receive Action". (Referred to pp.552-553 *Essentials of Unification Thought*)

2. The Divide Rule of the West

Every problem — visible or invisible on earth is explained, judged and cognized by the three laws of Aristotle: *Law of Identity*, *Law of Contradiction*, *Law of Excluded Middle*.

Law of Identity states that A is A,

Law of Contradiction states that non-A is not A,

Law of Excluded Middle states that there is none which is not A nor non-A.

The fundamentals of this three-law-method is that everything is of

A and Non-A: the divide rule. In single word the Western epistemological logic is based on the very fact that everything is divided into two, that is to say. Divide Ruling epistemological system. The Divide Rule extended to the inductive logic system and in turn it motivated to flourish the Western science civilization.

3. The Undivide Rule of the East

The cognition system of the formal logic of the East which judges an object after seeing it. This logic is based on teaching of Chinese Change Thought, Yin-Yang Thought and Buddhist Scripture. It said in the volume 2, Daijidoron(大智道論) that

If spirit perishes after death?

If there exists spirit after death?

If there is a case that spirit perishes after death or that spirit does not perish after death?

If there is not a case that spirit perishes after death nor that spirit does not perish after death?

The above statement is quite different from the Divide Rule of the West: "either spirit perishes or does not perish".

These are well classified in Buddhist Scripture as the Four-Phrase-Classification, namely, *Single-Phrase*, *Single-Phrase*, *Share Phrase* and *Anti-Phrase*. In summary,

Single-Phrase : It is A.

Single-Phrase : It is Not-A.

Share-Phrase : It is either A or Not-A.

Anti-Phrase : It is neither A nor Not-A.

The Four-Phrase is also found in Buddhist Scripture of *Mahaparinirvanastura*, that of *Abhidhamrakosa*, that of *Prajnaparamitastura*, and that of Zen-catechism: the favorite among disciples of Buddha. Four-Phrase Classification contains primarily that it is not 'to divide A and Not-A', but to include Not-A in A and A in Not-A. We define it 'Undivide Ruling' epistemological logic system.

4. Original Form of the Undivide Ruling Epistemology

Let us introduce a few examples developed by the 'Undivide Ruling' logic. There is 'Oneness of Brahman-Atman' Thought in Buddhism. It means that Brahman, the Universal Being, and Atman, the cosmic being are not different but one.

In *Muha-Parinirvanastura* (大般涅槃經), it says that

常無常 亦常亦無常 非常非無常

In *Prajna-paramitastura*, it says that

色不異空, 空不異色, 色即是空, 空即示色,, 無老死, 亦無老死盡

In *Mahayanasutra* (大乘起信論), it says that

眞如自性, 非有相, 非非有相, 非非無常, 非有無俱相, ,,,

All of these, the basic thought of buddha, are thought to be based on undivide logic system.

The base of Oriental Thought is also developed on base of the Undivide logic. In the first phrase of Lao-tze's Book of Taoism says it:

道可道, 非常道, 名可名, 非常名, 無名, 天地之始, 有名, 萬物之母, 故常無慾, 以觀其妙, 常有慾, 以觀其, 此兩者同出而異名, 同謂之玄, 玄之又玄, 衆妙之門

Speakable Do is no longer Sang-Do, Callable name is no longer Sang-Myung (Unchanging Name), When there is no name it is the Origin of Universe, When there is name, it is Mother of all thing. Therefore, Be free from avarice(慾) always and watch (nature's) curiosity. Be avaricious and watch the circulation of (nature). Though they come out of the same (source), each has a different name. We call it "Hyunmyo(玄妙)". The Hyunmyo among all the Hynumyos is the door of Myouri(妙理: abstruse principle).

This can be interpreted by the Undivide Logic, too. The undivide ruling thought can be found in *Yin-Yang* Thought, too. It is general trand that *Yin Yang* are considered as two fundamental energies of all beings, that is to say, Dualism. But in reality there is *Yang* in *Yin*, and *Yin* in *Yang*, that they exist entangled. Hence, the *Yin-Yang* thought is not quite a solid Dualism. In other words *Yin-Yang* thought is not explains essentially by Divide Rule of the West but rather it would be explained well by Undivide Rule.

The central theme of our *Dong-Hack*(東學): Cheondoism, *In-Nae-Cheon*(人乃天), and the recent popular saying, *Shintobuli*(身土不二) Thought are all rooted in this undividing epistemological logic. We believe that only the undivide ruling way of thinking can truey overcome the gaps between a subject and object, you and I, human and nature, matter and energy, body and idea, positivity and negativity, life and death, foe and friend, ruler and subordinator, and can reach the tathata, the fundamentals of reasoning.

In explaining a social developing principle Divide Ruling Logic System had to bring about Thesis Antithesis Synthesis Action, the Origin of Hegel's Dialectic Logic System. And with this Dialectic Logic System it is impossible to explain the reason that everything exist in Dual Essentialities in accordance with Divine Principle. But Undivide Ruling Logic system can explain clearly the discrepancy of

Hegel's Thesis Antithesis Synthesis Action, and can explain what aspects of all beings and their development should be in the Origin Division Union action, and can manifest why all beings are in Dual Essentialities -internal character and external body.

One can distinct the Divide Ruling logic system from Undivide Ruling logic system introducing the followings.

In Syllogism of Aristotle

Major premise: Man is mortal.

Minor premise: Jesus is a man.

Conclusion: So, he is dead.

Or,

Major premise: Man is mortal.

Minor premise: Jesus is not a man.

Conclusion: So, he is not dead.

On the other hand, in syllogism of the Oriental civilization of Undivide Ruling logic system the thesis can be stated as

Major premise: Man is mortal.

Minor premise: Jesus could be a man or could be not a man.

Conclusion: So, he is resurrected after his death.

It manifests that the genetic source of the Christianity, "Jesus was crucified on the cross and resurrected from tomb" can only be explained not by Divide Rule of Aristotle but by Undivide Ruling Epistemological System. It is obvious that the Jew's Hebraismic Epistemological Logic system is likely to be Undivide Ruling Epistemological Logic system. The scripture, John 14:10 "Father is in me and I am in Him....." can only be explained and manifested.

Through the history of Christian Thought we can easily see that St Paul had fought against Konossian Thought. Why should he have to fight against Konossianism? Konossianism is originally based on Dualismic thought. Hence it divides into two: 'good and evil', like Divide Ruling Logic system, like Hellenistic Thought. And Christian Original Thought is rooted to Hebraism and could only be explained by Undivide Ruling Logic. Conflicts between Hellenism and Hebraism in Christian Thought have been the conflicts among Divide Ruling Aspects and Undivide Ruling aspects of Epistemological System.

Westerners blame Orientals for illogic and ambiguity way of thinking, not like theirs. But when they are caught in the squirrel-

cage of logic they often become selfcontradictory. It is like a person who were heading a destiny but became astray not by looking the compass but by looking a topological structure. But Oriental Way of Thinking, though it may look illogic and ambiguous, develops theory in keeping rationality. In this respect Divide Ruling Logic System of the West is fit to a single event, microscopic event rather than macroscopic and logic-see-theory while Undivide Ruling Logic System of the East is fit to explaining and logic development of compositive, synthetic, macroscopic event.

I. Hierarchical Structure of Existing World and Give-and-Receive Ruling Epistemological System

1. Unification Thought and Hierarchical Structure

It has been no distinction but rather same hierarchial structure in comprehending the existing world including natural world, human society, or nature and human, and God also. It is said that according to the transmigration of the soul in Buddhism human is sent to rebirth in the World of Astray: the Hell, the World of Hunger, that of Demon, that of Beast, that of Pandemonism, Secular World and Heaven according to the cumulative results of good and evil during one's life span. And in addition to the world of astray there is World of Understanding: *Sravaka*, *Pratyekabuddha* and *Bodhisattva*. These make ten Hierarchial stages altogether.

In making connection of the metaphysical world and the physical world Aristotle introduced the hierarchy, the rank. According to him every living thing has Nutrive Soul which ingests food and seeks physical welfare. On the other hand animals have Emotional Soul, so that they can feel. And some higher animals have Desirous and Migrant Soul. Human has Reasoning Soul.

Nowadays we are not accept the concept of soul in such manner, but we can see Aritotle's intention which he intended to match the complexity of soul in observing scale of nature by introducing hierarchial structure. Around 3 century B.C. in Orient *Sun-Tze*, though he himself did not believe any spirit being like demon, ghost, etc. introduced the followings:

"Fire and water have strange strength, yet no life."

"Grass and tree have energy of life, yet no perception."

"Bird and animal have perception, yet no righteousness."

"Human has strength, life, perception, and even righteousness. Hence, he is the most precious being under Heaven!" (*Sun-Tze* Vol. 5,

Wangjae pyun)

Ever since some 3 century B.C. people have studied the ultimate origine of Universe through natural phenomena, even through human cognized visible and invisible contents in hierarchical cognition. Now let us introduce what they think presentday about the visible and invisible world in hierarchical structure, and what it says about these in *Essentials of Unification Thought*.

2. Hierarchical System of Universe Seen Through Modern Physics

A Nobel laureate physicist, Dr. Leon Lederman pointed out in his book "The God Particle" that the science is to seek God's original master plan of Universe. I myself as a physicist completely have thought it that way, too. Let us now consider what God intended to do through this Universal Hierarchy.

According to Modern Physics creation of our Universe started from Big Bang twenty billion years ago. Modern Physics describes precisely what had happened when 10^{-43} sec elapsed. The size of whole Universe was about 10 billionth of 10 billionth of an electron (10^{-33} cm to be exact) at that moment. In this small space there were supposed to exist some 10^{-80} hydrogen-atom-equivalent energy there. 10^{-4} sec after the Big Bang the size of Universe was about 60 km in diameter and the estimated temperature then was about 10 trillionth degree. 15 sec after Big Bang hydrogen atoms started to form, 3min after the Big Bang iron and some other light elements found on earth nowadays were to form. Starformation and galaxies were formed much after.

In considering the visible existing world according to the hierarchical structure it starts from quak, electron, etc., elementary particles (10^{-13} cm), and extends to atoms, molecules, minerals, earth, solar system, galaxies and the expanding universe (10^{27} cm). Biological world also started with DNAs, and extends to cells, organs, living beings, and botanies and animals: to all living group. And in considering the invisible existing world it started from instinct, tendency, sensitivity, understanding, reason, spiritual, and expands to civilization society system. And the hierarchy of civilization society system starts from habit, tradition, system, thought, religion, and to civilization. It is summerized in Fig. 1.

III . Relation among Give-and-Receive Rule, Undivide Rule, and Divide Rule

What is the relation among Give-and-Receive Rule of Unification Thought and the existing epistemological systems: Undivide Rule and Divide Rule. In Unification Thought every existing beings is considered to be the union of Dual Essentialities: the internal character and the external form. And they are considered to be individual truth bodies. And they form to be connected body in hierarchical structure while they have individual purpose and connected body purpose. Therefore, every existing beings should have certain relation in hierarchical system. Accordingly, they should have some connection among epistemological systems. These relations are illustrated through Fig 2, Fig 3, and Fig 4.

| Epistemological System | | visible world | | invisible world | |
|-----------------------------|---------------------|--|--------------------------------------|--|---|
| | | Physical World | Living World | Conceptual World | Civilization World |
| Give and Receive Rule World | Undivide Rule World | Universe Galaxy | Living Group Animal Plant | Spirituality, Reason Understanding Sensitivity | Civilization Religion Thought, institution Tradition, Habit |
| | Divide Rule World | Solar System Earth Mineral Molecule Atom Elementary | Living Being Organ Cell DNA | Tendency Insinct | |

Fig. 1 Relation among Give-and-Receive Rule, Undivide Rule, and Hierarchy System

Fig 2 depicts Visible Existing World and Invisible Existing World in Divide Ruling Epistemological System and there exists "severance between A and Not-A" while Fig 3 shows Undivide Ruling Epistemological System indicating relation that "A and Not-A mutually penetrate each other. The Unification Give-and-Receive Ruling Epistemological System is shown in Fig 4. In Give-and-

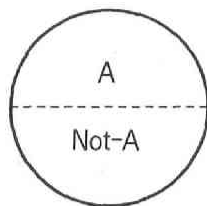


Fig2. Divide Rule

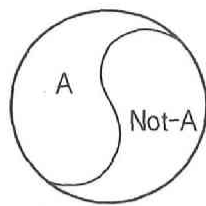


Fig3. Undivide Rule

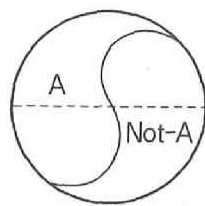


Fig4. Give and Receive Rule

Give-and-Receive Rule = Undivide Rule + Divide Rule

Receive Rule both Undivide Rule and Divide Rule are tolerable, that is to say, at the lower hierarchy it is in accordance with Divide Rule and at the higher hierarchy it is in accordance with Undivide Rule. It can be expressed as follows.

It can also be seen in Fig 1. In my recollection there are Internal Give-and-Receive Action in Give-and-Receive Action and External Give-and-Receive Action.

Give-and-Receive Action = Internal Give-and-Receive Action + External Give-and-Receive Action

I presume that Internal Give-and-Receive Action may be related to Undivide Rule while External Give-and-Receive Action to Divide Rule. These are just my presumption to be further studied.

Conclusion

This paper was originally intended to consider the direction of Unification Thought and sought to compare Give-and-Receive Ruling Epistemological System with existing Undivide and Divide Ruling Epistemological system. But I have kind of notion, "Starting like a dragon's head and finishing like a snake's tail. If there is any gain in me through this paper, it might be the fact that I perceived and logically proved that Give-and-Receive Ruling Epistemological System is the only solution like the pupil in an eye regardless of East and West, regardless of thoughts, regardless of visible or invisible existing world, in observing things, in observing worldly problems, in directing human civilization society, in leading rightly in every respects, and in overcoming all the problems we are facing.

SESSION I

Chairman : Peter Kun-Yu Woo

Presentation:

- A New Horizon of Discussion on God
Kirti Bunchua
- Search for a New View of God
in the Age of the Global Village
Hiroshi Mine
- A New Scientific View of God According
to Unification Thought
Akifumi Otani