

# Philosophical Reflection Over the Origin of the Universe

Samo Liu

HMR Technology Holdings Group, Jinan, China

University of Science and Technology Beijing, Beijing, China

The world today is in urgent need to unveil the Truth of the Universe to guide the future of humankind. This paper serves as an introductory work to the author's forthcoming book *Revelation and Reflection on Mankind by Modern Physics* that examines great recent discoveries in physics and analyzes how it could be linked to philosophical ideologies passed down throughout history from the Axial Age, especially the Eastern philosophical thoughts. This paper also proposes a new cosmic model as a reference for the philosophy and science communities. Finally, this paper advocates for more attention on the Origin of philosophy.

*Keywords:* Axial Age, multi-dimensional Universe, three-dimensional Universe, science, philosophy, religion, information, energy, matter

## Introduction

The forthcoming book *Revelation and Reflection on Mankind by Modern Physics* examined and discussed concepts in modern physics and classic philosophy from the Axial Age, from both Eastern and Western perspectives, with emphasis on the Chinese Daoism. Three hypotheses are proposed in this book: The first hypothesis discussed the three, four and five-dimensional Universe and their inter-relationship using concept learned from modern physics on multi-dimensional Universe and combining with ideologies from classic and Eastern philosophies (Liu, 2019). The second hypothesis discussed the creation and formation of myriad things in the three-dimensional Universe based on the first hypothesis. This work proposed that matter in the three-dimensional Universe is a creation from the basic energy of the four-dimensional Universe and the intelligent energy of the five-dimensional Universe. They are referred to as the *cause* of the four and five-dimensional Universe respectively in this work. As a result, a new concept that proposed energy as the origin of the Universe is being discussed in this section. The third hypothesis discussed the origin of the universe based on the laws of myriad things in the Universe from inter-galactic galaxies to atomic structure. This work also took into account hypotheses advanced by ancient saints who proposed that all things have a spirit and that they possess the ability to perceive its surroundings (Armstrong, 2007; Hu, 2012; Thilly, 1914; Waller, 2016). The author's opinions on the time-field, space-field, force-field, and energy-field of the Universe are also discussed here.

Humankind, when looked at from the perspective of the Universe, one can see the destiny of humankind is intertwined with the Universe. One of the present top priority is to reflect on humankind's survival strategies from the philosophical perspective on the origin of the Universe. Throughout the book, the author advocates for

---

Samo Liu, Ph.D., School of Energy and Environmental Engineering, University of Science and Technology Beijing, Beijing, China.

the recognition of the truth of the Universe and the reflection on the cosmic philosophy; reflections over the destiny of humankind as an inseparable part of the Universe and how its survival depends on the latter; and finally, some philosophical thoughts over peace and love between human races and other intelligent matters.

### **Short Synopsis of the Book**

In the first chapter of this book, the author proposes his thoughts and insights on problems that the Universe and humankind are facing by looking at the present global trends and by analyzing the combined research results in modern physics and philosophical wisdom from the classical age (Liu, 2017).

In the second chapter, the author explores the multi-dimensional Universe and raised questions on the intelligent matter. The possibility of material transfers between the three-dimensional Universe and higher-dimensional Universe are also be explored here. The author proposes the origin of the Universe was energy-based and the existence of the three-dimensional Universe, based on matter, was a special form of existence in the multi-dimensional Universe (Liu, 2019). The theory of intelligent matter for which the humankind is part of is also discussed here.

The third chapter explored the ideologies and perspectives on the Universe in classical philosophy works that were prominent in both the Eastern and Western cultures and compared those concepts with known physic theories. A special emphasis was put on the Eastern cosmic perspectives. Most of the speculation on the four and five-dimensional Universe discussed in this work came from the ideologies presented in Daoism and Buddhism works, especially those from Daoism literature. A new concept is proposed here: the four-dimensional Universe is based on fundamental energy whereas the five-dimensional universe is based on information energy or intelligent energy. They all existed as the void. The concept of the void and its description came from ideologies covered in “*I Ching*” and “*Dao De Jing*” from ancient China (MacDonald, 2017; Rutt, 1996). By summarizing concepts in current scientific communities and ideologies from classical philosophy and by looking at their similarities, the author proposes a new line of approach for science and philosophy that could eventually develop into a new direction of study.

In chapter four, the author focuses on problems in First Philosophy. He proposed the development of a unified cosmic perspective and a peaceful philosophical ideology that promotes the recognition of the Universe. He also encouraged to create a unified global perspective and ideology under this new vision of the Universe.

The fifth chapter discussed the perception of matters in the three-dimensional Universe. It is believed the soul of all matters lied in the force and force field, which were fundamental to the ordering of matters in the three-dimensional Universe. The wisdom that guided the actions of humankind constituted the thoughts and their fields that allowed humankind to recognize the role and the purpose of their actions. This wisdom, when correctly used, could give rise to order and a lasting peace around the world. It would also enable humankind to realize that our destiny is intertwined with the action of the Universe and to fully recognize the community of common destiny proposed by President Xi of China (Xi, 2017).

The sixth chapter is centered on the energy and information in the Universe. Topics in modern physics, astronomy and humankind’s survival are explored in the form of an imaginary discussion with Mr. Albert Einstein. The discussion of these topics is based on ideologies from Eastern philosophy. The author does not believe in a creator of the Universe. If there must be a creator, it would be the Universe itself (Dawkins, 2017). It has created myriad things in the Universe that we know today, including humankind and its wisdom.

As an intelligent species that reflect, think, create and act, human created necessary tools for its survival in a specific environment by drawing inspiration from the Universe and nature itself. Human is the spirit of the Universe and similar to the Mother Universe, we are creative. The author believes that humankind must carry the great mission of the Universe. Wisdom was what made humans a human being whereas it can also make us a God, or the Demon is misused. However, to achieve our continued survival, we will need love and peace.

Before we can discover any other intelligent species in the Universe where most matters perceived its environment passively, humankind remained the only intelligent creature that can use its wisdom to influence the law of nature. The ultimate question for humankind is now on their origin and survival: where do we come from, where are we heading and why do we survive in the Universe? Because humankind lived in the three-dimensional Universe, the ultimate question of the Universe can also be applied to humans: where did the Universe come from, where is it heading and why did it exist. To recognize the laws of the Universe and to explore the truth of the Universe were the fundamental steps to uncover the human origin and its future. Hence, the vision of humankind should be aimed toward space and not confined to solely our planet.

To help answer those questions, numerous progress has been made in modern physics: Modern physics has broadened humankind's vision and wisdom from the three-dimensional Universe to the four-dimensional Universe (Randall, 2005). Theories such as the theory of relativity, quantum mechanics, the theory of Big Bang, or the theory of black holes have further broadened our mind into the multi-dimensional Universe (Krauss, 2016; Randall, 2005). To an extent, they confirmed the ideologies proposed by saints from the classic period millennia ago. A great revolution in philosophy and physic might already be on the horizon.

Astrophysics has made humankind realize that our planet Earth is in constant motion around in Sun, which in turn revolved around the Milky Way and together with the Milky Way around some central point in the Universe in a very complex fashion (Brown, 2014). During this movement process, the human is born on the planet. They evolved and continued their survival throughout the age (Brown, 2014). Compared to the Universe, the existence of humankind is minuscule. Humankind should recognize their home, the planet Earth has been a gift from the Universe and that its hospitable environment, at this specific moment in time and this corner of the Universe, is not forever because of the complex motion of the Universe and this balance remained very fragile. Humankind should stop thinking about its survival confined on its home planet and focus on the space around it and reflect on how to survive within it. Alas! On Earth, humankind still struggles for the short term survival. Resources, desires or even ideologies were the source of human conflicts where human has been confronting and even fighting each other. The industrial development introduced by the advent of modern physics has led to the destruction of our survival environment. Weapon of extreme power made possible by technology has posed serious concern over the survival and possible self-annihilation of the whole human race. This might be the time to bring back the ideologies of ancient saints and those from classical Eastern philosophy. Humankind as a whole should put down prejudices and think about the survival of our race according to the philosophy of the Universe.

### **Reflection on the Ultimate Philosophy Question**

#### **What Is the Universe**

The universe is an objective existence that took forms in multi-dimensions (Hawking, 2011; Randall, 2005). Its essence was shapeless and formless energy. The three-dimensional Universe human lives in is a

particular manifestation of the multi-dimensional Universe. Matter in the three-dimensional Universe is a special manifestation of that energy. The energy produced during the conversion of its mass corresponded to the question proposed by Einstein:  $E=mc^2$  (Einstein, 2018; Xu, 2010). The author speculates that under specific circumstances, energy in the four-dimensional Universe could convert into a matter that existed in the three-dimensional Universe. The author believes that Big Bang is one such method of conversion on the macro-scale. On the other hand, discovery in quantum mechanics on particles was another type of conversion that represented a micro-state conversion process. From what has been known, everything in the three-dimensional Universe is real and this Universe existed only because of the existence of real matter. Somewhere in the three-dimensional Universe, the matter could convert into energy form and ascend back to the four-dimensional Universe under some special circumstances. The black hole represented one example of such a conversion process. Modern physics has come to recognize the four-dimensional space-time and has since opened the door to the four-dimensional universe (Randall, 2005). The author encourages the science and philosophy communities to continue its efforts in the exploration of the four-dimensional Universe and the author believes that breakthroughs in the research in the four-dimensional Universe will lead to major impacts in the material and spiritual world of human societies. The foundation of this belief is based on the ideologies drawn from saints of the classical age and the Eastern philosophy. The foundation of science is based on knowledge and research in various scientific disciplines such as modern physics and Chaos theory.

The five-dimensional Universe is a Universe of a higher dimensional magnitude. If we assume that the four-dimensional Universe is based on energy, then the five-dimensional Universe can be tentatively said to be based on the information and intelligent energy. Higher-dimensional Universe is filled with *qi* or the *cause* to all matters in the three-dimensional Universe. M-theory of modern physics proposed that the Universe is multi-dimensional with up to eleven dimensions (Hawking, 2011). However, only after a breakthrough in researches on the four-dimensional universe can accurate descriptions of dimensions higher than five-dimensional Universe be made possible. Until now, those descriptions have remained purely mathematical (Randall, 2005).

A matter is a special form of existence for energy in the three-dimensional Universe. They are energy in its solid form that arranges differently to give birth to myriad things in the Universe. Matter in the three-dimensional Universe is formed from two parts: the structure of matter is defined by the fundamental energy of the four-dimensional Universe. Different fundamental energy yielded a different structure that in turn became a different three-dimensional matter. We can call this structure the “gene” of three-dimensional matters. Also, all “genes” of matters are affected by the *cause* of intelligent energy from the five-dimensional Universe. We can call this part the hardware of three-dimensional matters. The other part of the structure of matter in the three-dimensional Universe came from the *cause* of the five-dimensional Universe. Different *causes* decided the “gene” structure during the formation of matters in their initial state. The *cause* of the four-dimensional and five-dimensional Universe complemented and influenced each other. This can be called the software of three-dimensional matters.

In classical Chinese philosophy works, the formation of matter came from the combination of *yin* and *yang* (Feng, 2013; MacDonald, 2017). The *cause* during the formation of matter in the three-dimensional Universe decided the “soul” of the matter. The “soul” created by this *cause* decided the order of myriad things in the three-dimensional Universe. When all matters perceived their surroundings and acted accordingly, this gave rise to an ordered Universe. This principle can be applied to the world at an atomic level as well.

Different matters came from a different *cause*. This *cause* resulted in the cognitive perception in myriad things. Perception of matter can be classified into three different categories: passive perception, active perception, and transitional perception. Passive perception is observed in matters such as rocks and water; active perception is observed in humankind; transitional perception, a state between passive and active perception, is observed in other some living things such as plants. The author believes that the perception of matters was a result of the force and force-field it experienced. In the Universe, all matters were subject to the constant effect of numerous forces and force-fields. Up to date, modern physics has discovered four different forces: strong interaction, weak interaction, electromagnetic and gravitational force. Besides those four types of forces, there was also a force of thinking that directly impacted the survival and development of humankind and guided the action of a human (Feng, 2013).

### **What Is Human**

The creation of humankind was a gift of the Universe. Human is an intelligent matter amongst possibly many others in the three-dimensional Universe. The structure of the human body came from the *cause* of the four-dimensional Universe. At the same time, the human body was under the influence of the *cause* of the five-dimensional Universe's intelligent energy. Together, they formed the "gene" of the structure of the human body, which represented the hardware of the human body. Force-field and void co-existed within the internal structure of this hardware. This linked the *cause* of the five-dimensional Universe to the human structure which created humankind as known today.

Human is one of the intelligent species naturally created in the Universe and is one of the most sophisticated systems in the three-dimensional Universe created by the multi-dimensional Universe (Harari, 2017). In the three-dimensional Universe, this represented the pinnacle of creation in terms of intelligence, formed by the combination of the hardware and the software. This is true for both the human body as a whole as well as for each constituent organs cellular parts and structures.

There is no need to worry that artificial intelligence will one day surpass the natural creation of the multi-dimensional Universe. Intelligence in human beings as well as other highly intelligent matter created by the Universe is unmatched in terms of intelligence. No matter the degree of technological progress in artificial intelligence, they can only "think" with the use of algorithms and programs. Human intelligence, on the other hand, cannot be described with any algorithm, no matter their degree of complexity. If a matter can be viewed as a body of information, then humankind is at the pinnacle of this pyramid where it represented the most advanced computer ever created by the Universe.

The creation of humankind in the three-dimensional Universe has resulted from a series of pure coincidence. Although human is amongst one of the limitless amounts of three-dimensional matters, it possessed intelligence that others did not. Daoism and Buddhism texts have taught us that all matters come from the void and end in the void (Feng, 2013). As an intelligent matter in this Universe, if the human does not fully exploit its unique bestowed wisdom, it will end in the void as with the other matters of the three-dimensional Universe. Advances in modern physics have progressed to a stage where we now realize the four-dimensional Universe and is on the verge of achieving a breakthrough. To always continuing the reflection on how to achieve the eternal continuity of humankind and not to end in the void was the message that ancient saints have warned us in their works (Feng, 2013).

The birth of humankind happened after a series of coincidence on planet Earth in a solar system that

revolves around the Milky Way with its system of planets at a pace of over 200 million years per cycle. The Milky Way itself is in constant movement within the vast three-dimensional Universe (Brown, 2014). During this movement, humankind will eventually encounter countless cosmic environment that is still unknown to us at present. Those environments are full of possible unknown threats to humankind. The birth of humankind is from a pure coincidence in a hospitable environment that can support life (Brown, 2014). The opposite must be true as well during our voyage in the Universe. Therefore, the Universe is fully capable of creating human life as well as destroying it. As an intelligent matter, the human must reflect on how and what they can do facing these cosmic threats because humanity is an entity that shares the same destiny. To reflect on our future in the Universe, it needed the wisdom of the whole human race. However, in the present world, due to numerous factors on perception, humanity has yet to reach a unified ideology. The chaotic amount of existing ideologies resulted in the lack of a unified view on the future of human destiny. This difference resulted in countless conflicts amongst human races, where people of someplace in the world still strive for everyday survival (Harari, 2017). Meanwhile, the progress of modern technology has also reached a point where humanity can easily extinct themselves (Harari, 2017). Under these circumstances, if humankind still cannot come together to a full realization of the Universe, or to develop a single powerful and unified ideology, the human might end up destroying themselves before the arrival of any cosmic calamity (Harari, 2017). Ideologies proposed by saints from the ancient time and the progress of modern technologies and science are enough to serve as a wake-up call to humankind to start reflecting on their methods of survival.

It could be said that time has arrived to start to cultivate the inner self of humanity and to put more attention toward the origin of humankind, yet only a handful of people cultivated with methods according to the guidance of ancient sages (Porter, 2018). We should not eagerly arrive at conclusion nor interfere with their method of cultivation. The results of their cultivation might become another path for the future of humankind (Porter, 2018).

The universe has gifted three things to humankind for its survival: the hospitable environment where humanity is located, the perceptive sensors of the human body, the desires and the motivations of survival and the wisdom and human's unique ability to think. But be careful, the wisdom of humankind is a double-edged sword: it can help the human race to achieve long-lasting prosperity or it can erase humanity from the Universe (Harari, 2017). At this point, we need to think positively with our wisdom and we must abide by the Universe and its law to guarantee the survival of our race. It is now the time to think about the continuity of humanity with all the uncertainty the Universe has to offer. To arrive at this goal, humanity needed the guidance of wisdom and philosophy to properly harness the power of thinking, which is a unique force in the Universe and the only force that can influence the natural laws of the Universe. It is of great importance that humankind utilize its wisdom that it has previously used to fight for resources on the recognition of the Universe instead; that leaders around the world divert the present standoff on ideologies away from human race themselves; that researchers put the emphasis onto the search for the Truth and the existence of the Universe and focus on solving the problems and conflicts human face for their survival; that everyone around the world recognize that humanity shared a single destiny and to have a limit in what we do. Humanity needs fraternity, happiness, and peace if it wants to prosper in the vast Universe.

### **The Peace of Humanity and the Future**

The author is not a physicist nor a philosopher. He merely looked at various fields in modern science and

classical philosophy, and combined them and reflected upon them. Hereby, he is very thankful to the great classical teachings of Lao Zi, Siddhartha, Confucius, Pythagoras, Thales, Parmenides, Socrates, Muhammad, and Jesus. He is also very grateful to the analytical philosophers of the Western world as Descartes, Kant, Hegel, Newton and Marx on the thinking of the three-dimensional Universe and their guidance on classical physics and the industrial revolution. The author is most grateful to the prominent contribution to science made by scientists such as Galileo, Sir Newton, Einstein, Planck, Hawking and Yang Zhenning. Their works and wisdom have lead humanity to where we are today and keep guiding us forward.

Ideologies of the past saints, regardless of their core concept: the void, the *Dao*, love, benevolent, or righteousness, all guided humanity for unity, peace, abstinence and to follow laws of the Universe, both natural and moral (Armstrong, 2007; Descartes, 2016; Feng, 2013; Hu, 2012; Jaspers, 2018; Russell, 2017). Only with peace humanity will achieve the next step of development. The recognition of humanity as an entity that shares the same destiny is the first step toward space and the fundamental idea of this work.

### **Logic and Links to Classical Philosophy**

Philosophical methods and concepts used in this works were dialectics, *I Ching*, the law of the unity of the opposites, the law of the negation of the negation and the law of the transformation of quantity into quality and vice versa.

To properly link and explain classical philosophy ideologies to topics in modern science, the author explores numerous amount of scientific concepts and theories. Some topics in modern physics, astronomy, and astrophysics covered in this works are Albert Einstein's theory of relativity, quantum mechanics, M-theory, researches on the modeling of the Universe by MIT alumnus Professor Lawrence Krauss, researches on dimensions of space by Harvard alumnus Professor Lisa Randall, theory of Big Bang, theories of dark matter and dark energy and theories of nuclear physics (Einstein, 2018; Hawking, 2011; Hawking, 2012; Hawking, 2015; Greene, 2018; Krauss, 2016; Longair, 2017; Penrose, 2013; Randall, 2005; Xu, 2010).

Some example of parallel linked with classic philosophy the author has outlined in this works: the reason in which no matter could move at a speed greater than the absolute speed of light might indicate that the speed of light represented the higher limit of energy embodied by any matter in the three-dimensional Universe; the Planck constant for which professor Planck possibly found the exchange zone for the energy-matter exchange between the multi-dimensional Universe and the three-dimensional Universe; Quantum physics helped to find the chaotic phenomenon and laws at the border of multi-dimensional Universe (Davies, 2011). All matters came from the *void*. This void was not in the sense of vacuum in the three-dimensional Universe but a state of the multi-dimensional Universe. It represented the constant state of transformation between information, energy, and matter in the multi-dimensional Universe (Webb, 2018).

Modern physics and sciences brought humankind to the edge of the multi-dimensional Universe (Randall, 2005). To decipher this enigma scientists could turn to ideologies proposed during the Axial Age from both Western and Eastern philosophers to try to find the solution. The fourth industrial revolution itself was, in essence, exploration, and change in the way that how humankind manipulated matter, energy, and information.

To properly understand and to introduce its concept from the perspective of science, the author has researched numerous texts from both Eastern and Western philosophers from the Axial Age.

In regards to the ideologies and concepts in cosmology from famous ancient Greek philosophers, this work discussed the doctrines of Thales of Miletus (c. 624 ~ c. 546 BC), Anaximander (c. 610 ~ c. 545 BC),

Anaximenes of Miletus (c. 586 ~ c. 526 BC) and the Milesian school; Pythagoras of Samos (c. 580 ~ c. 495 BC) and the school of Pythagoreanism; Xenophanes of Colophon (c. 570 ~ c. 475 BC), Parmenides of Elea (c. 515 ~ early fifth century BC) and the Eleatic school; Heraclitus of Ephesus (c. 535 ~ c. 475 BC) and the Ephesian school; Democritus (c. 460 ~ c. 370 BC); Protagoras (c. 490 ~ c. 420 BC); Socrates (c. 470 ~ 399 BCE), Plato (c. 427 ~ c.347 BCE) and Aristotle (384 ~ 322 BCE) (Armstrong, 2007; Russell, 2017). Through the study of classical Greek philosophy, the author believes that the ideologies and concepts of those famous Greek philosophers had a profound impact on Western religion, philosophy, and science. The descriptions from their works and their perception of the Universe could fit into what we called today the theory on the multi-dimensional Universe.

In regards to philosophical ideologies and concepts in the cosmology of Buddhism, this work emphasized the cosmic reflection, perception, and experience of the Shakyamuni Buddha. Discussions in the dialectic method and the concept of cosmology from Nagarjuna and Dajian Huineng has also been explored in this section. From the analysis of Buddhism ideologies, the author proposes the concept of *Kong* as an expression of the multi-dimensional Universe the embodied the whole three-dimensional Universe.

Regarding the philosophical ideologies and concept in the cosmology of Daoism, which is the main focus of this work, its ideas on the origin of the Universe is discussed in detail. Those concepts formed the basis of the postulations made by the author in this work.

Daoism works and concepts explored in this works are Fu Xi's "*I Ching*"; Huangdi's "*Huangdi Neijing*" (*Inner Canon of the Yellow Emperor*); Lao Zi (c. 571 ~ c. 471 BC)'s "*Dao De Jing*" from the Zhou Dynasty; "*Wenzi*", "*Liezi*" and "*Zhuangzi*" from the Zhou Dynasty; ideologies of Wang Chong (AD 27 ~ 97) from the Han Dynasty, Zhang Zai (AD 1020 ~ 1077) from the Song Dynasty and the school of *qi*; Zhu Xi (AD 1130 ~ 1200) from the Ming Dynasty and his school of *li*; Wang Yangming (AD 1472 ~ 1529) from the Ming Dynasty and his school of heart (Feng, 2013; Hu, 2012; MacDonald, 2017; Rutt, 1996; Tang, 2000; Wang, 2015; Yan, 2010).

The link to the origin of the Universe has been made through "*Dao De Jing*" and "*I Ching*" as opposed to "*Huangdi Neijing*" linked to the origin of humankind. Quantum mechanics has been linked with ideologies from "*Liezi*" and its concept of the four stages of *Hundun*, or confusion as Western scholars translated. Concepts in the school of *qi* of Zhang Zai, school of *li* of Zhu Xi and school of heart of Wang Yangming have been linked to classical Greek philosophy, modern physics, classical physics, quantum mechanics and M-theory.

The concept of the opposing of *yin yang* and *wuxing* related to the movement, transformation, and momentum to the cycle of the Universe is discussed. The concept of the *yin yang* as the fundamental energy of the four-dimensional Universe and the intelligent energy of the five-dimensional Universe respectively is proposed and discussed. This concept is explored by integrating into the three-dimensional Universe as the *qi*.

Through discussions in this work, the author proposes the concept of the movement, cycle, and transformation of the Universe can be unified into one single concept of energy. Its manifestation in the three-dimensional Universe was the matter, energy, and information. Amongst them, the matter is a unique state of energy. The cause of the transformation between forms is interpreted as information, a type of intelligent energy. Similarly, forces can also be regarded as a type of information.

Because the fundamental state of the Universe was energy, the author tentatively names this concept the energy concept.



The author also attempts to connect core concepts in classical philosophy works to other non-physic areas of discipline such as anthropology, Western medicine, Chinese medicine, philosophy, and religion. For example, genetic science has proven that all genes carry information about their origin species. In addition to that, Academician Sun Chuanyao from the Chinese Academy of Engineering proposed that minerals had their peculiar “genes” that defined what they are (Sun, 2018). The author believes the formation of myriad things in the three-dimensional Universe is governed by energies of the four and five-dimensional Universe. The information carried by matter is the origin of their “spirit” and caused them to move and to transform in a given way specific to each type of matter. The human can be seen as the pinnacle on such a creation.

After a closer examination at the timeline of the Axial Age, one interesting question arose: how did those great philosophers from the Axial Age and before came with those grandiose philosophies on the origin and cognizance on the Universe without modern science as a tool? One might neglect something very important over the course of history: the human body could be used as a medium in the exploration of the three-dimensional Universe and the communication with the multi-dimensional Universe (Porter, 2018).

The author studied, with some imagination, the environment in which the great saints lived or cultivated in the East during the Axial Age passed down in numerous texts, and by combing with the author’s own experience during his stay in Shangri-La, he concludes that under a great moment of peace and serenity, in a very clean environment, human could connect himself with the Universe.

One of the numerous conclusions the author made during the course of his research was that religion was a great system of knowledge. The perception of religion in the present age has been diverted from its original form. The author did not believe the scientific community had the authority to disapprove of religious ideologies. Instead, humankind should use great philosophical ideas from the Axial Age as a reference to re-evaluate the history of humanity before and during the Axial Age. We should take the work of Metaphysics by Aristotle more seriously. It might be forgotten that before the Axial Age, there was no such division between philosophy, religion, and science. This division was made during the end of the Axial Age and they have since become independent entities.

For this reason, this work re-evaluated with great care the history of the origin of humanity and its progress from the perspective of the cosmic energy, cosmic, atomic and cellular information. The author believes the human history can be interpreted as a history of information. One must remember that it was language and writing that has made us human. With a proper push from the Creator, or the Universe, a human can become God (Dawkins, 2017). After all, the human was a product of information of the Universe after countless failed attempts. One should remember that the Universe regulated itself with an eternal dialectic of the *yin yang* cycle. It is time for humankind to do the same.

The work on the origin of the Universe is divided into two separate tomes. The first is the “*Revelation and Reflection on Mankind by Modern physics*”. This tome is divided into three volumes: “*Reflection*”, which is in the process of publication, “*Human and the Universe*” and “*Heaven, Earth, and Human*”. The second tome, “*Revelation and Reflection on Mankind by Classical Philosophy*” is also divided into three volumes: “*Reflection over Reflection*”, “*Exploration of the Universe by Classical Philosophy*” and “*Temporary Summary to the Origin of the Universe*”.

There are numerous questions derived from this work that the author would like to obtain the help of communities to verify: could the physics and mathematics communities verify if the energy and information is

indeed four-dimensional and five-dimensional geometries; could the mathematics communities study the Universe using mathematical methods; could the philosophy and history communities put more attention into religions and self-cultivation of the Eastern cultures.

This work is intended as a catalyst such that the science, religious and philosophical communities could join together and discuss the future of humankind in another perspective that is with the ideologies from the Axial Age and Eastern philosophy.

### References

- Armstrong, K. (2007). *The great transformation: The beginning of our religious traditions*. New York: Anchor.
- Brown, C. S. (2014). *Big history: From the Big Bang to the present*. Jinan: Shandong Pictorial Publishing House.
- Davies, P. (2011). *God and the new physics*. Changsha: Hunan Science & Technology Press Co., Ltd.
- Dawkins, R. (2017). *The god delusion*. Haikou: Hainan Publishing House Co., Ltd.
- Descartes, R. (2016). *Meditations on first philosophy*. Beijing: Taihai Publishing House.
- Einstein, A. (2018). *Melt weltbild*. CITIC Press.
- Feng, Y. (2013). *A brief history of Chinese philosophy*. Beijing: Beijing University Press.
- Greene, B. (2018). *The elegant universe: Superstrings, Hidden dimensions, and the quest for the ultimate theory*. Changsha: Hunan Science & Technology Press Co., Ltd.
- Harari, Y. N. (2017). *Sapiens: A brief history of humankind*. Beijing: CITIC Press.
- Hawking, S. (2011). *The grand design*. Changsha: Hunan Science & Technology Press Co., Ltd.
- Hawking, S. (2012). *The theory of everything: The origin and fate of the universe*. Nanjing: Yilin Press.
- Hawking, S. (2015). *A brief history of time*. Changsha: Hunan Science & Technology Press Co., Ltd.
- Hu, S. (2012). *Syllabus to the Chinese philosophy history*. Zhonghua Book Company.
- Jaspers, K. (2018). *The origin and goal of history*. Shanghai: East China Normal University Press.
- Krauss, L. M. (2016). *The physics of star trek*. Haikou: Hainan Publishing House Co., Ltd.
- Liu, S. M. (2017). Revelation and reflection on mankind by modern physics - Part I. *Open Journal of Philosophy*, 7(4), 435-447.
- Liu, S. M. (2019). Revelation and reflection on mankind by modern physics - Part II. Consideration on multidimensional universe. *Open Journal of Philosophy*, 9(2), 72-81.
- Longair, M. S. (2017). *Theoretical concepts in physics*. Beijing: University of Science and Technology of China Publishing.
- MacDonald, J. H. (2017). *Tao Te Ching: An insightful and modern translation by J. H. McDonald*. Qigong Vacations.org.
- Penrose, R. (2013). *The road to reality: A complete guide to the laws of the universe*. Changsha: Hunan Science & Technology Press Co., Ltd.
- Porter, B. (2018). *Road to heaven—Encounters with Chinese hermit*. Chengdu: Sichuan Literature & Art Publishing House.
- Randall, L. (2005). *Warped passages: Unraveling the mysteries of the universe's hidden dimensions*. Harper Collins: Ecco Press.
- Russell, B. (2017). *A brief history of philosophy*. Beijing: Taihai Publishing House.
- Rutt, R. (1996). *The book of changes (Zhouyi): A Bronze Age document*. Richmond: Curzon.
- Tang, Q. (2000). *Zhangzi Zhengmeng*. Shanghai: Shanghai Classics Publishing House.
- Thilly, F. (1914). *A history of philosophy*. H. Holt and Company.
- Waller, B. N. (2016). *Consider philosophy*. Beijing: China Light Industry Press.
- Wang, Y. (2015). *Zhuanxilu 1572 edition*. Jiangsu Phoenix Art Publishing House Co., Ltd.
- Webb, J. (2018). *Nihilistic: From absolute zero to the forgotten corner of the universe*. Beijing: Commercial Press China.
- Xi, J. P. (2017). *The governance of China (Volume II)*. Beijing: Foreign Languages Press.
- Xu, L. (2010). *Anthology of Albert Einstein*. Beijing: Commercial Press China.
- Yan, Z. (2010). *Zhuzi Quanshu, Anthology of Zhuzi*. Hefei: Anhui Educational Publishing House.

The universe may have strange origins, much like this one. Get ready to wrap your mind around this. Physicists suggested that our universe is simply a 3-dimensional sphere within a 4-dimensional universe. There is a perfect cosmologic principle which states that the universe is the same no matter where you look. There is non-stop creation of matter that changes the density in the expanding universe. Since the universe is the same everywhere all the time, it has no beginning and no end. Sherrie Hurd is a professional writer and artist with over 20 years of experience. As a survivor of childhood trauma and multiple types of abuse, she is an advocate for mental health awareness. Sherrie manages multiple mental illnesses, including anxiety disorder, bipolar disorder, and PTSD. If you make original philosophical work today, does it have to fit within a philosophical school of thought to be accepted by the wider society? And, will original thoughts be forgotten if they are not attached to a pre-existing school of thought? Did religion originate because humans cannot comprehend the origins of the universe? Why does the universe exist? Why is there something rather than nothing? Universe is absolute; the notion of origin does not apply to it. Mind constantly tries to ask such questions because it only knows relative notions and erroneously thinks that everything can be understood with them. It is not equipped to think about the absolute. It is his philosophical explanation of how God created everything out of nothing, which interestingly enough can be applied to the big bang as well. Where did everything contained in the big bang come from and why did it bang in the first place? Much of the history of cosmology and its theories are a reflection of these types of people and the cultures they lived in. Often the most widely accepted theory becomes exactly that, because of the forceful personality behind the ideas. And while science tries to remain free of influence from things outside of it, the scientists who practice it are st

The best-supported theory of our universe's origin centers on an event known as the big bang. This theory was born of the observation that other galaxies are moving away from our own at great speed in all directions, as if they had all been propelled by an ancient explosive force. A Belgian priest named Georges Lemaître first suggested the big bang theory in the 1920s, when he theorized that the universe began from a single primordial atom. The idea received major boosts from Edwin Hubble's observations that galaxies are speeding away from us in all directions, as well as from the 19

In modern philosophy, the term "philosophical reflection" is normally used to denote the criticism and clarification of the ultimate grounds, constitutive preconditions of human thinking, communicative practices and practical activity. Here quite a broad problem field for analysis opens up for theoretical philosophy. There are the following forms of reflection as a special cognitive procedure: doubt, irony, criticism, paradox, and questioning. All these forms are of a universal epistemological nature and are applied in all types of human cognition: everyday cognition, arts, science, and philos...