

THE GREAT UNIVERSAL SPIN
The creation of the Universe and estimation of its lifetime

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Abstract: The origin and creation of the Universe by the gradual formation of the energy wrapped around the elementary elements. This formation followed by the Great Cosmic spin or the Universal twister with its tremendous speed has led to the first nucleosynthesis from the eventual interaction of the fundamental or elementary elements, aided by the Universal energy and the Universal factor ends with the birth of the first primeval atom. There was no explosion and no Big Bang. In this theory, the Origin of the fundamental elements and the energy that led to the creation of the Universe are also revealed. This theory also provides the equation for calculation (according to current available knowledge) the life span or life time of the observable Universe.

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Introduction:

The Universe, its origin, and creation has haunted the mind of cosmologists and many scientists since the Sumerian civilization and will continue to do so for ever. Enuma Elish (1)(2), the Babylonian creation Epic, was written over 2000, B.C, and was discovered by Austin Henry Layard, 1889, at the library of Ashurbanipal in Mosul, Mesopotamia, current day Iraq. This epic has thrown some lights on the creations of the Universe as seen by the Babylonian.

Since then, to our modern history, many cosmologists and others scientists in the field of astrophysics and other fields postulated many concepts and theories for the creation of the Universe. For thousands of years many scientific models were at first accepted and then later abandoned like the steady state theory or the first ignored and then later accepted theories like the big bang theory. Throughout history, mankind has postulated theories of creation. That's why every scientific concept, equation, model or theory should have an opportunity to be considered and tested.

The creation and expansion of the Universe was also mentioned in many Holy books like Torah, Bible and Quran.

Alexander Friedman (3) discovered the expanding Universe in 1922, years earlier than Georges Lamatire who wrote the same thing. Georges Lamatire (4) and the Big bang was written in 1927. He describes the condition of the early moments of the creation of the universe, but until now no one knows how the explosion started nor many other unexplained matters that will be discussed below.

The Big Bang describes the expansion of time space, after the initial explosion of the condensed primordial elements. The Universe was dense and hot, then at certain moment when all matters condensed at one point, an explosion started. After the massive explosion, the Universe cooled down, the temperature of the universe drooped to a few degrees to allow the formation of subatomic particles. Electrons, protons and neutrons formed to form the atoms.

In the past there were two competing theories, the big bang and the steady state theory(5) (the steady state theory by sir James jeans 1920, the theory was revised by Fred Holby and others) neither theories explained the origin of the elementary elements for the creation and evolution of the Universe.1964, the big bang theory has the upper hand since the discovery of Back Ground Microwave Radiation (CMBR) (6), the scientific community has incorporated the observational and theoretical addition into the theory of the big bang.

Eventually the steady state theory lost the interest of scientists since the discovery of the Cosmic Microwave Background Radiations, which provided some, but not all, support for the big bang model.

Edwin Hubble (7) was able to actually show that the Universe was expanding. He discovered that the distance to far away galaxies correlated with their red shift, and found that the recessional velocity of the galaxy increases with its distance from earth, which means the observational universe is expanding. The 1960 observation supported the idea that the universe is not only expanding but also changing since the discovery of radio galaxies and quasars.

The new theory, the Great Cosmic spin or the Universal twister, describes how the initial wrap by cosmic energy gathered around the condensed primordial elements, later the multiple spins joined together to form the cosmic twister with massive speed. The nucleosynthesis then initiated from the eventual interaction of the fundamental or elementary elements, aided by the universal energy and universal factor. There was no explosion and no Big Bang.

In this theory, the origin of the fundamental elements and the energy required for the creation of the Universe are also revealed.

This theory also provides an equation to calculate (according to current available knowledge) the possible life span of the observable Universe from the beginning to its end.

The creation of the universe as proposed by the big bang and how the universe was created following the giant explosion of dense gases and as a consequence a primordial nuclides, known as a primordial isotopes. These primordial elements together with the effect of gravitation and other forces resulted in the formation of matter, stars and others. The big bang did not explain the origin of the condensed gases, what started the explosion, the ignition factor, the origin of the elementary elements and many other unsolved question. The Universe with many spherical or globe shaped planets orbiting with amazing order like the rest of many structures in the Universe, could not be originated from giant explosion. The unique order that has existed for billions of years and the endless creation of biological and non-biological forms and so the different types of energy in the universe were also impossible to be originated from an explosion which has no order but an absolute giant mess of disintegration. It is impossible for the Big Bang to be the cause of the creation of the Universe

The theory of the Big Bang is wrong. This wonderful Universe did not start by sudden explosion but by gradual built up of interaction between the elementary elements, the universal energy and the vital or the Universal factor over billions of years. The process of the creation of the Universe fit well with modal of the Great Cosmic Spin, but it does not fit with the model of the Big Bang.

The source for the creation of everything in the universe according to spiritual beliefs were all created by God. On the scientific bases, research and experiments is the driving force for discovery of how things came into existence and different forms in the Universe react and interact with others.

There is still debit and research going on for decades in order to discover the mechanism for the creation of the Universe. The scientist has tried to find out the sources for the creation of mass, energy

and many other non-biological and biological materials in the Universe.

The new theory, the great Cosmic Spin, explains the creation of the observable Universe, from the time of zero. It also calculates and for first time, the life span of the observational Universe from beginning to end. The Universe must have originated from certain elements, the elementary elements, migrated together with cosmic energy to our Universe from the non-observable Universe. Accumulated over millions of years and wrapped by the Cosmic Energy. When reaching a saturation level, the cosmic energy wrapped around it, later started to spin with increasing speed, building a momentum when joined with other spinning cosmic energy and ends with the great cosmic spin or twister. With the increase in energy over millions of years, a giant ring of a Cosmic twister developed with tremendous speed containing the dense elementary elements which acquire mass and becomes active and agitated resulting in subatomic particles and nucleosynthesis. Further advanced, within the climates of the cosmic energy (travelled from the non-observable Universe) produced over billions of years, the elements in the Universe, structures, mass, different forms of energy, dark energy, dark matter, stars, planets etc. The tremendous, wrapping and twisting effect of the cosmic twister continued even when most matter formed. The effect of the twister's is evident by 'orbit', from the atom to the spherical forms of the plant, ring clouds of gases, black holes, etc. There was no explosion and no big bang.

The current theory explains gravitational force. When the Universal energy in the cosmic twister spun around and entered matter, it will be converted into gravitational energy, and once it enters matter it will remain as a gravitational force. The Universal energy in the outer space and in the matter will continue pushing the Universe apart and into expansion and acceleration, but sometimes the Universe also has a decelerate phase. The Universal force keep pushing the Universe and its structures and energy in formed compartments (these compartments has invisible boundaries) into a continuous expansion of the universe. The expansion of universe, although continuous, but it could be also interrupted at different times in history of Universe and it will continue to do so at different speeds. The Universe's life span can be approximately calculated from this equation:

$$LVS = H_0 \times PP$$

LVS= Life span of the observable Universe

H₀= Fastest rate of expansion of the Universe, calculated from Hubble Constant.

PP = Highest density of the Universe, which is the highest Planck density (8).

The Equation applicable to life span of the observable Universe but not the whole Universe. The above two processes been going on since the creation of the universe and will continue to generate a new form of mass or birth of new mass. But at maximum expansion of the Universe, the aging of Universe will end at a certain point when the universal compartments disintegration and the Universal energy fades. The more the observable Universe matures, the more it will continue to expand to its limits until it will lose most of its energy and then at that point the energy required for expansion will be so weakened with time leading to no further expansion of the Universe.

The Universe cannot be created in its current order with everything in it from the chaos of explosion with primordial gases (of unknown origin), then it was ignited by unknown factor). The background radiation such as microwave background radiation was generated by the cosmic twister and not by the big bang. The accurate measurement of the birth of Universe before the existence of cosmic energy is not available at the current time, there could be other background radiation which maybe discovered in the future which will give accurate date for the creation of Universe.

Conclusion

The creation of the Universe through a gradual wrap of cosmic energy around the condensed fundamental elements, then a formation of cosmic spin, later and over millions of years, the Universal energy formed the cosmic twister. After building a tremendous speed and spinning with the highly dense fundamental or elementary elements and Universal factor. The fundamental elements acquire a mass, nucleosynthesis started with the formation of atomic nuclei from the nucleons, primarily the protons and electrons. There was no explosion to create the Universe and no Big Bang. The twisting effect of the energy and the effect of the Universal energy left its mark by the near spherical or defined shape of the structures in the Universe from the primeval atom to the massive structures like planets. By using factors such as the fastest rate of expansion of the Universe, the highest known density, we can estimate the life span of the Universe from beginning to end. The Universe is continually changing with time, accelerating and decelerating during its life span, new masses developed and others disintegrate.

The observable Universe has a life span, can be calculated and for the first time by this equation:
 $LVS = (H_0 \times PP)$

This equation provides an estimation of the life span of the observable Universe from start to end.

This equation is not applicable to the whole Universe and not to our present day. The age of Universe to date and according to NASA, WAMP (9) is 13.77270.059) billion years. According to the above equation and to the current available scientific knowledge, the life span of the observable universe from the beginning to the end of the Universe can be estimated to be much more, over a hundred billion of year.

The above processes has been going on since the creation of the Universe and will continue to generate a new form of defined masses, structures and changed in speed and energy. But during the life span of the Universe, ageing of the Universe is inevitable, the ageing of Universe will end at a certain point when the Universal compartments (10) disintegrate following the fading of the Universal energy.

The more the observable Universe mature and age when it will expand to its limits and its energy will be weakened with time with no further expansion of the observable Universe which is part of the multi Universe, Al-Razi (11).

Human knowledge is still limited, only God knows how and when the Universe started and when it will end.

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