

The Living God and Goddess of the Cosmic Creation

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A Divine Alternative to Big Bang Theory that Eliminates the Pure Energy Singularity, Guth Inflation, Intrinsic Matter/Antimatter Inequality and Gravitational Collapse in the Accumulation and Formation of Galaxies, Stars, Planets, and the Atoms Within Them.

The Force and Motion of Gravity

You may want to believe that gravity is an infinite and undetectable downward pull but you can only feel and measure it as a local upward push.

The Living Universe evolved the complete structure of today's cosmos without the use of any gravitational force and motion. Gravity played no part in the accumulation of atoms into stars or in the accumulation of stars into galaxies. In the following story of Cosmic History, gravity does not come into play until the discussion of dinosaur bones. Gravity is a completely local expansion of matter that only produces extremely small amounts of force and motion. It did not play any part in cosmic creation. Gravity is nothing more than the upward force and motion of Earth's surface that gives us all a place to stand. The idea of a pulling gravity allows one to imagine that the moon orbits Earth in three-dimensional space. The measurements of pushing gravity occur in a fourth dimension of time that is not readily visualized. Our subconscious minds know exactly what gravity is and how it works. This is because they have been feeling and constantly monitoring this upward force and motion ever since we all learned how to walk. Before children learn to walk, they still always feel gravity's upward force but until they learned to run and jump, the upward motion produced by this force was of little concern. They found that the higher they jumped, the longer it took the rising Earth to catchup with them. It is by this mental clock that each child monitors the passage of time. Children only become confused and perplexed about gravity when they are told by adults that the force and motion of gravity points down. Fortunately, this new conscious knowledge never makes it to their subconscious minds or they would all fall on their faces.

The Only Eternal Substance of Existence is Energy/Mass = C^2

Pure and Relative Massless Energy versus Constant Energy/Mass

The Big Bang theory's cosmic belief begins with a *singularity* producing an unknown quantity ($E = 10^{??}$ Joules) of pure massless three-dimensional energy that by unknown physics was able to transform itself into "pure" energy-less

mass and the momentum and angular momentum of “pure” one-dimensional photon energy. The many theories then use several metaphysical assumptions for aethers, fields, and dimensions to transform this pure massless energy into the structure of approximately 10^{50} kilograms of atoms and photons and then suddenly spread them throughout the universal void. In Big Bang theory, energy and mass are conserved as the separate interchangeable entities of $e = mc^2$ & $m = e/c^2$ and there is no conservation of $energy/mass = c^2$ as a unit. There is also no evolution of matter in Big Bang theories and the electron/proton mass ratio is an eternal constant of 1/1836. The Big Bang theory is essentially based of Einstein’s three metaphysical assumptions of massless photons, an eternal 1/1836 electron/proton mass ratio, and his imagined but unmeasured idea that the force and accelerated motion of gravity point down towards Earth’s center.

Photon’s Energy/Mass = cC

Crackpots physicists often ignore photon momentum and angular momentum and then imagine photons to be the massless quantifications of some all pervasive intrinsic form of pure massless zero point energy. Experimental physicists measure the photon’s momentum $p = mc$ and angular momentum $I\omega = m\lambda C/2\pi$ to determine photon *linear energy* $E_L = mc^2/2$ and photon *rotational energy* $E_R = mC^2/2$. Einstein’s pure generic massless energy $E_\infty = mc^2$ is a metaphysical entity that cannot be measured as a unit. Photons are always measured as *photon = energy/mass = cC* .

Atomic Energy/Mass = CC

Other crank physicists usually ignore the rotational energy of angular momentum within the atom and then imagine that when atoms are at rest, they contain pure “energy-less” mass. They imagine, but have never measured, that mass and energy are two interchangeable entities that can exist separately. Experimental physicists always measure the mass and energy of atoms as inseparable units of *energy/mass = CC* . *An atom has the constant rotational energy/mass $e/m = CC$ of its internal motion plus the linear energy/mass $e/m = V^2$ of its absolute momentum $p = mc = mv$.*

The Motion of Mass and Time

Some relative motion physicists imagine that the energy of gravitational acceleration does not increase the rest mass of a falling body. Other relativity theorists claim that real accelerated motion increases the mass of bodies but deceleration did not decrease their mass. General relativists claim that equivalent gravitational force produces neither real acceleration nor deceleration. Experimental physicists measure that all acceleration and deceleration changes both the value of an atom’s mass and the time intervals of its atomic clock.

Lorentz Transformation of Mass & Time $m' = M/\sqrt{1-v^2/c^2}$ & $t' = T/\sqrt{1-v^2/c^2}$

The Eternal Atoms

The Living Universe principle is based on a single physical assumption. The total number of electrons and protons in the cosmos have a constant value of 2^{256} and their total mass has always been 1.12×10^{50} kg. These values are not assumptions, but are conclusions from physical measurements of the cosmos made by numerous astronomers. Eddington once predicted the Big Bang's total mass at 10^{80} protons. His assumptions and my calculations are too close together for easy and accurate cosmic measurement.

The Living Universe assumes eternally equal numbers of electrons and protons with the $energy/mass = C^2$ of the electron slowly decreasing while the $energy/mass = C^2$ of the proton remains a constant $e/m = C^2 = 1$.

The Cosmos Began with as Duality: Not a Singularity

Instead of a *singularity* of “pure” energy, the Living Universe began with an antimatter/matter *duality* containing a fixed amount of “pure” $energy/mass = C^2$ that evolves with an increasing antimatter/matter mass ratio. This increase changed the $energy/mass = c^2$ interactions of photons and atoms in terms of mass, space, time, and gravity. The cosmos evolved from an eternal past into a measured future using the well defined laws of electrodynamics and quantum mechanical interactions.

Pure Singularity Energy?

Experimental physicists have never detected an instance “pure” *singularity energy* transforming into mass in any of their measurements even though they can precisely measure all the other types of “energy” $e = mv^2/2$, “mass” $m = e/c^2$, and “momentum” $p = mv$. Today, there seems to be no such thing as “pure singularity energy” that can create mass and it is doubtful that any ever existed at the time of the Big Bang.

$Energy/mass$ is a conserved eternal constant that cannot be separated and has maintained its value of *ONE* throughout the Living Universe's evolution. Massless energy can not exist in the same way that massless photons do not exist. $Energy/mass = c^2$ is the unchanging duality substance of reality and neither energy nor mass can exist separately. The mass of the Living Universe is an exact value close to 10^{50} kilograms. Today, this value has been measured by astronomers and contains no metaphysical assumptions other than to assume the eternal existence of electrons, protons, and photons.

The Living Gods and Goddesses of Creation

$$\text{Matter} = E/M = CC$$

$$\text{Photons} = E/M = cC$$

$$\text{Photon Rotational Energy } E_R = MC^2/2$$

$$\text{Photon Linear Energy } E_L = Mc^2/2$$

$$\text{Momentum} = Mv = Mv/MC$$

$$\text{Linear Energy} = M/\sqrt{1 - v^2/c^2}$$

The cosmic creation process began with the decay of a single otherwise eternal primordial antineutron containing the *energy/mass* = c^2 of today's cosmos, (10^{77} electrons and protons). Because the laws of quantum mechanics caused this particle to undergo a non-linear, sequential reproduction process, I have called it a Gods Particle antineutron.

The cosmos began with an eternally stable anti-hydrogen atom containing an antiproton goddess and positron god. Their union had been continuous from the time when they first coupled together. The only conflict in this marriage is that the mass of the antiproton was slowly decreasing while the mass of the positron remained constant. This added kinetic energy to the interactions between the two yin and yang gods. This increase in the anti-atom's internal energy eventually caused the positron to be captured by the antiproton and form an antineutron.

This increasing eternal conflict between them turned out to be the divine couple's long awaited pregnancy. Their *linear energy/mass* = c^2 eventually reached a critical state and the initial living *gods particle* reproduced into a pair of identical antineutrons. The large amount of linear energy that had built up between them was divided into equal and opposite momenta as they moved apart into the universal void at near the speed of light. *This transformation was caused by the relationship between the decreasing antiproton/positron mass ratio $-a/+p$ and the decreasing dimension of the circlon shape's fine structure dimension α .*

$$\text{Neutron stability number } N_s = m_a/m_p \sqrt{\alpha}$$

The Multiple Billion Year Inflation of Cosmic Energy/Mass = C^2

Once formed, the identical twin *gods particles* remained stable for billions of years as they sped at high velocity toward opposite ends of the universe. Within both particles, the decreasing antiproton *rotational energy/mass* = C^2 increased the internal *linear energy/mass* = c^2 between the two particles within the antineutrons. This eventually caused the *gods particles* to simultaneously bifurcate into two new antineutron pairs that now moved at opposite right angles to their original motion. These four particles moved away from one another with slightly less velocity than the first pair and it would take slightly less time for them to again build up enough energy for a third bifurcation. After fewer billions of years, the four gods particles simultaneously bifurcated into eight particles and then eventually into $2^4, 2^5, 2^6, 2^7, \dots, 2^{400}$.

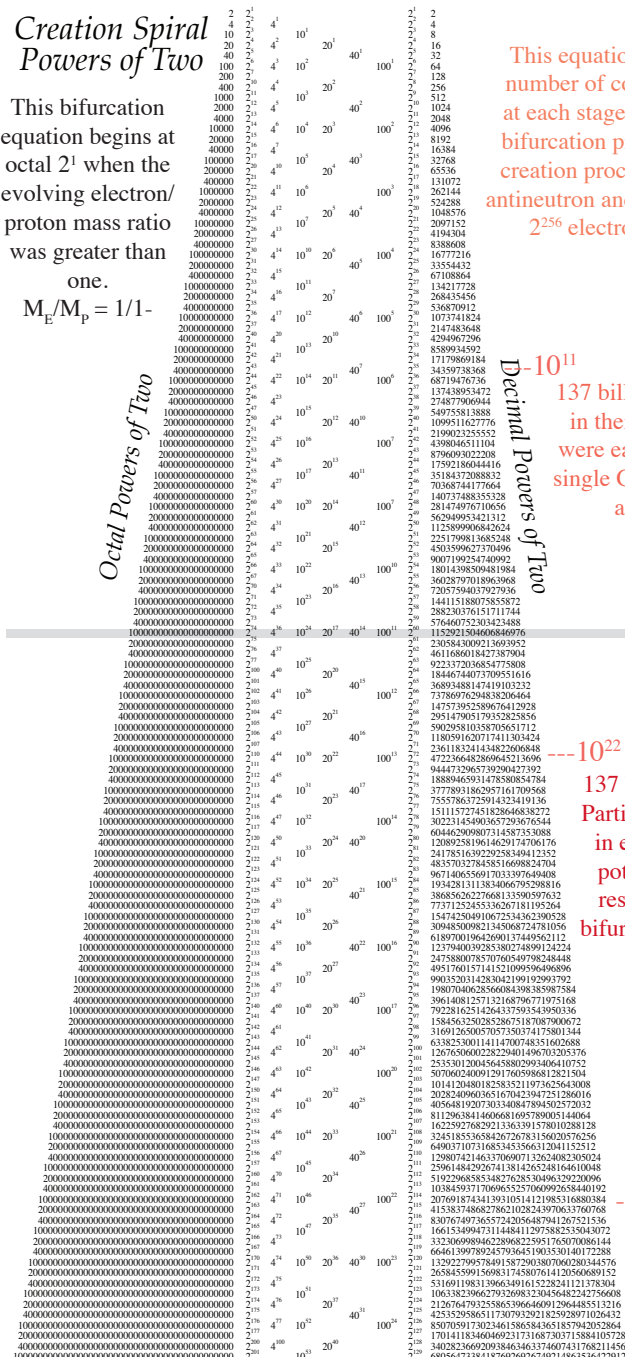
God Particle Antineutron Equation

Creation Spiral Powers of Two

This bifurcation equation begins at octal 2¹ when the evolving electron/proton mass ratio was greater than one.

$$M_E/M_p = 1/1-$$

Octal Powers of Two



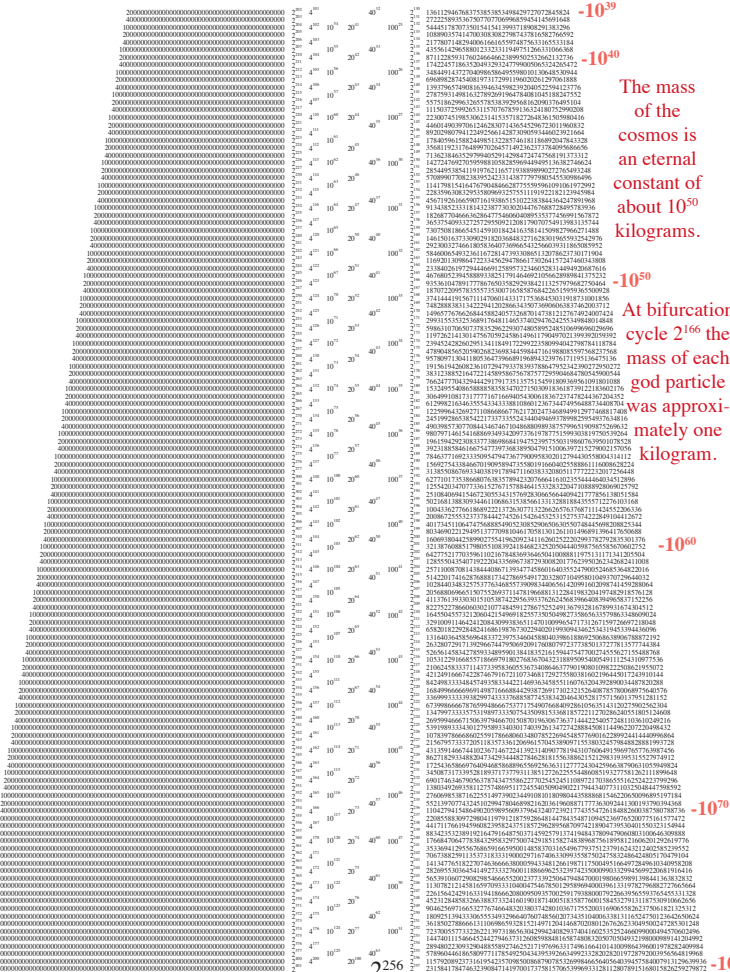
This equation shows the exact number of cosmic antineutrons at each stage in the god particle bifurcation process. The cosmic creation process began with one antineutron and ended with today's 2²⁵⁶ electrons and protons.

137 billion galaxies located in their present positions were each represented by a single Galactic God Particle at their centers.

---10²²
137 billion Stellar God Particles are positioned in each galaxy. Each potential star is represented by a single bifurcating antineutron.

---10³³
The clouds surrounding the position of each potential star contain about 137 billion evenly spaced God Particle antineutrons.

In an effort to be as exacting as possible in this mathematical equation of antineutron bifurcation, I have included the complete calculation that shows the exact number god particles in the universe at every stage in the bifurcation process of particle creation. To maintain mathematical purity, I have included both the natural octal bifurcation math on the left and the more complex ten fingered decimal calculations on the right.



With each new reproduction cycle, the particles moved apart with less velocity and in less time than in the previous cycle. *These living antineutron gods were somewhat like today's living algae cells that continually fissure in new diatoms as they are carried away in the current.*

After 35 bifurcation cycles and about 137 billion (2³⁵) individual bifurcations, what would become the galaxies of today's world had evenly spread out into the universal void several hundred light years apart. At this point in time, each galaxy only contained a single bifurcating Galactic God Particle at its center. As these now Stellar Gods Particles divided and spread out within

the galaxy's location, they continued bifurcating at ever faster rates. Because these particles continued to decay with less kinetic energy and at a faster pace, they remained confined to the general area of the galactic particle's initial location.

After another 137 billion bifurcations, these *stellar gods particles* had spread out evenly within the galaxies to a few light years apart. At this point, the galaxies had attained their present spacial configurations with the location of each potential star represented by a single bifurcating stellar particle. As the gods reproduced at a faster and faster rate and with less and less energy to separate them, they all remained quite close to the stellar gods's original location.

After an additional 137 billion bifurcations, the cosmos contained 137 billion galaxies, with each galaxy containing 137 billion stars, and with each star containing 137 billion bifurcating Nuclear Gods Particles. This point in time is an interesting reference point in the fractal evolution of the cosmos. Future astronomical measurements may show that the great cosmic walls are the first layer of fractal cosmic structure.

Concentration of Matter into the Stars Without Gravitational Force

The god particle antineutrons continued bifurcating for a long time but at a faster and faster rate until near the last 2^{256} th bifurcation cycle, the particles had almost no energy and the cycles were just seconds apart. With the final 256th synchronous bifurcation, there was no energy left for further bifurcations. The process stopped and the cosmos contained its present eternal quantity of 2^{256} (1.158×10^{77}) total protons and electrons concentrated around stars with their total mass at about 10^{50} kg.

At this last bifurcation, the negative antiprotons within each of the God Particle antineutrons became less massive than the positrons and became, in effect, electrons. The now more massive positrons transformed their role in atomic physics as electrons to that of protons.

Divine Sex Change

At this point in evolution, the $energy/mass = C^2$ balance between matter and antimatter was perfect. The positive matter protons were equal in mass to the negative antimatter electrons. After this transformation, the $energy/mass = C^2$ of the electron continued to decrease while the $energy/mass = C^2$ of the proton maintained its eternal constant value of one ($M_p = 1.67 \times 10^{-27}$ kg). The *gods particle antineutrons* were all transformed into the *ordinary particle neutrons* that hold the nuclear structure of atoms together.

At this point, the 2^{256} gods all experienced a sex change when the yin goddess particle and yang god particle changed positive and negative polarities.

The negative electron became the yang side of the atomic dichotomy and the positive proton became the yin component. The negative gods were now males and the positive gods became female.

The Difference Between Matter Neutrons and Antimatter Neutrons

Prior to this cosmic yin and yang transformation of antimatter to matter, the *antiproton/positron antineutron* increased in internal energy as the decreasing mass of the antiproton transferred kinetic energy to the antineutron's structure. This energy slowly continued to grow until at a precise point the particles all bifurcated.

After the Yin/Yang transformation, the *electron/proton neutrons* were stable as they gradually increased in energy by small amounts and did not bifurcate. They remained stable and increased in *linear energy/mass* for millions of years until the increasing electron/proton mass ratio and the decreasing of fine structure dimension forced them to decay when the primary coils of its electron's circlon shapes could no longer fit inside the proton's circlon shape. When the neutrons divided this one last time, they split into electrons and protons instead of bifurcating into more neutrons.

Before this evolutionary transformation, the electron's primary coils could fit inside of the proton's secondary coils. After the decay of the *stable gods neutrons*, electrons were now big enough to be able to attach to the outside of protons to form atoms and emit photons. Electrons could still attach to the inside of protons to form neutrons but it now requires increasing amounts of energy to force them into the secondary coils of the proton's circlon shape.

The Quantum Mechanical Cause of God Particle Bifurcation

The decreasing *rotational energy/mass = C^2* of the antiproton causes an increase in the *linear energy/mass = c^2* (vibration) of the antineutron. This is caused by the conservation of angular momentum. When this linear *energy/mass = c^2* reaches the difference in rotational *energy/mass = C^2* between the two particles, there becomes enough energy for a perfect matter/antimatter annihilation. Because the *energy/mass = c^2* of the two particles is not equal, the particle bifurcates into two identical antineutrons instead of two unequal photons. The particles maintain their original *rotational energy/mass = C^2* and the linear *energy/mass = c^2* they accumulated between them is conserved in their opposite absolute momenta. Because the antiproton and positron have different masses they cannot annihilate into photons and must bifurcate into antineutrons.

As the *energy/mass = c^2* of the antiproton decreases and its mass becomes closer to the mass of the positron, each annihilation uses less *linear energy/mass = c^2* to produce the momentum to propel the particles apart. When the

mass of the antiprotons and positrons become equal $1_a/1_p$, they can no longer bifurcate and transform stable neutrons.

These stable *gods particle neutrons* lived very quiet lives for millions of years until they built up enough internal kinetic critical energy to decay. They were all loosely gathered around the clouds, planets, and stars where they had stopped bifurcating and were slowly concentrating their positions through gravitational deceleration. When the cosmos finally underwent this last decay of 2^{256} neutrons into very energetic electrons and protons, they all began coupling together into atoms and then began emitting photons into the cosmos for the first time. Soon the cosmos was filled with the massive amounts of cosmic blackbody photons that we still see today on vacant TV channels.

The Evolution of Neutron Stability

During this cosmic era when the 2.7°K spectral blackbody photons were being emitted, there was a great deal nuclear fusion occurring in the very energetic neutron rich environment of the stars. Rapidly moving protons, neutrons, and atomic nuclei were easily able fuse together and then grow more massive by absorbing protons and electrons into their structure and then adding enough kinetic energy to convert them to neutrons. This process occurred more easily than it does today because it took much less energy to couple protons and electrons into neutrons. The process eventually produced several thousand of the possible nuclear isotopes. In this low energy beginning, most of these isotopes were at least virtually stable.

As time passed and the neutron stability number began to grow, these once stable nuclei began to decay. Today, with the neutron stability number at 157, the cosmos has been reduced to 282 stable nuclear isotopes and few long lived isotopes like thorium and uranium.

Today, free neutrons are not stable and have a lifetime of about nineteen minutes. However, when neutrons are confined within an atomic nuclear structure, they are virtually stable. This is because the increasing kinetic energy in the neutron's structure can be transferred to the atom's nuclear structure before it becomes critical. A free neutron is unable to transfer its constantly increasing kinetic energy to another structure and must decay after about nineteen minutes of this continued buildup. Nineteen minutes is also the time it takes for gravitational expansion to double the spacial dimensions of matter.

The Evolving Fine Structure Dimension of the Atom's Circlon Shape

During the era of Gods Particle bifurcation, the electron/proton mass ratio went from $147/1$ to $1+/1$. Then in the following era of stable neutrons, the electron/proton mass ratio increased from $1+/1$ to $1/147$. In this dual process, the cosmos went from the synchronous bifurcation of 2^{256} antineutrons to their

transformation into neutrons and then eventually to their simultaneous decay into 2^{256} electrons and protons. This last process took many millions of years as the decreasing *rotational energy/mass* = C^2 of the electron continually transferred more and more *linear energy/mass* = c^2 to the neutrons' structure. When the evolving *neutron stability number* reached one ($M_p/M_e\sqrt{a} = 1.0$ proton mass divided electron mass times the square root of the fine structure "constant"), it caused the neutrons to all to decay into protons and electrons. These were thrown apart with all of the neutrons' long pent up *linear energy/mass* = c^2 . This was converted into the equal momenta shared by the decay of each pair of particles $p = mv = mv$. The proton and electron each had equal momentum but their different masses gave them very different kinetic energies.

The 2.7° K Cosmic Blackbody Radiation Forms

The sudden high energy decay of all the neutrons in the cosmos caused the resulting electrons and protons to fly apart in all directions, then couple together into neutrons and atoms, and produce the massive amounts of spectral photons we still see today as the Cosmic Blackbody Radiation with its constant eternal temperature of 2.7°K.

With electrodynamics, it is easy to calculate that with an electron/proton mass ratio of 1/147, the spectral blackbody radiation temperature of Hydrogen and a mixture other elements would be 2.7° Kelvin. The photons from this great blast of kinetic and ionization energy still surround us in the cosmos today. We know they have not cooled nor spread out in any way because they have maintained a perfect blackbody distribution curve for billions of years.

Big Bang enthusiasts have long imagined that since they were formed, the cosmic blackbody photons have been Doppler shifted by about 1000 times after traveling through a mysterious type of expanding space that dissolved the photons' momentum and energy and made it disappear. Theorists have also proposed that photons from distant galaxies have been Doppler shifted by as much as 10 times by outward galactic motion. There is no experimental evidence for any of the ideas. Electrodynamical measurements have shown that the CBR temperature could not have changed and that distant galaxies get the Hubble red shift of their spectral photons from their decreasing electron *energy/mass* = c^2 and not from an otherwise unmeasured recessional velocity of galaxies.

Time Converts Rotational Energy/Mass = C^2 to Linear Energy/Mass = c^2

This constant evolutionary transformation of electron *rotational energy/mass* = C^2 into photon and atomic *linear energy/mass* = c^2 not only explains the complete dynamics of the cosmos but is also a basic cause of such things as the plate tectonics of Earth's continents and combined with gravity it accounts

for the extremely large size of dinosaur bones. Millions of years ago, when the Bohr radius was larger, atoms were larger and less dense. Dinosaurs, living in the reduced gravity on a larger and less dense Earth were able to grow very large and still not be too heavy, as they would be today, to be able to walk and run. It may even be possible to use this phenomena to explain the origin of DNA.

Einstein was Technically Correct but Is Made Redundant

The Principle of Circlon Synchronicity describes the measurements and principles of physics and cosmology with electrodynamics and quantum mechanics but does not use Einstein's three foolish metaphysical assumptions of massless photons, pulling gravity and a constant electron/proton mass ratio of 1/1836. Einstein's equations and calculations correctly described experimental measurements but his ideas were upside down, backwards, and inside out. He was exactly correct with the wrong ideas.

The ideas of Einstein's Big Bang theory are contrary to the Living Universe. The order in which events occur in the Living Universe is reversed from the sequence of events in the Big Bang. The big bang begins with a universe filled with a cloud of 10^{80} very hot hydrogen atoms that emitted the cosmic blackbody radiation. These atoms then cooled and gathered together into individual clouds that eventually compressed into stars. These then gathered into individual clouds of stars that merged into galaxies. In the Living Universe, galaxies formed first, then the stars formed within the galaxies, and finally 2^{256} electrons and protons grew within the stars. The cosmic blackbody photons were emitted at the end of this cosmic creation instead of at the big bang's beginning. The Living Universe is based on the atomic physics and electrodynamics of electrons and protons and the Big Bang idea is based on several unmeasured metaphysical assumptions like the eternally constant 1/1836 electron/proton mass ratio. This idea requires them to believe things like the cosmos has no antimatter, the Hubble shift is velocity, and the 2.7°K cosmic blackbody radiation was formed at 3000°K, Astronomical measurements have repeatedly shown that all three of these ideas are false.

Matter and antimatter particles have always been equal in quantity, the Hubble galaxies are at rest with evolving electrons, and the cosmic blackbody photons have always had a temperature of 2.7°Kelvin. How would it be possible that they or any other photons could cool as they travel through space?

