# On the Suns Relationship to Light Speed - the Sun is Light. 

(Evidence for a Helio-Geocentric Solar System )

# On the Harmonic Relationships Between the Sun, Moon, and Earth 

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#### Abstract

Research into various astronomical phenomena allowed me to stumble upon some remarkable properties of the Sun and its relationship to Light Speed and $\pi$. In this paper I argue the Earth's orbital speed, its orbital distance, and the time of the Earth's orbit are actually measurements of the Sun, indicating a geocentric model of the solar system with a rotating Earth. With this, various simple calculations show how the measurements of the aforementioned parameters are actually related to Light Speed and that in turn has a direct relationship with the Sun, I make the connection that the Sun is a scale model of the Speed of Light. Before diving into this discovery, I will outline basic concepts of the Heliocentric theory, then follow up with how the modern measurements of the Earth are those of the Sun.


## The Earth

According to modern cosmology, the Earth and all other planets in the solar system revolve around the Sun, this heliocentric view is not new and has been common place in cosmological theories since the $3^{\text {rd }}$ century $\mathrm{BC}^{[1]}$. The premise of this theory is that all celestial observational and physical phenomena on Earth are related to the orbit of the Earth around the Sun, the Sun is a stationary orb of Matter occupying the central portion of the Solar system, its mass creates the bending of Space which allows planets to stay in orbit.

The Earth has an axial tilt that various between 22.1 and 22.4 degrees ${ }^{[2]}$, or what is called the obliquity of the ecliptic, the obliquity is the angle between the equatorial plane and the orbital plane. Earth's obliquity and the speed of rotation, which is around, $1,000{ }^{[3]} \mathrm{mph}$ or $1,609,344$ meters per hour, is what gives rise to the seasons and the distinction between day and night, as opposed to the ancient theories that the movement of the Sun about the Earth is what creates seasons. When the apparent location of the Sun is at its most Northerly location, the Tropic of Cancer it is called the June solstice, the Sun appears to be directly overheard at its zenith. For the Northern Hemisphere, the June Solstice marks the beginning of Summer and for the Southern Hemisphere; Winter, similarly with the Tropic of Capricorn, the apparent position of the Sun is at its most Southerly location and this called the December Solstice which signifies Winter in the Northern hemisphere and Summer in the Southern hemisphere. When the apparent position of the Sun is in line with Earth's Equator it is called the Vernal and Autumnal Equinox, the Vernal Equinox is in March while the Autumnal Equinox is in September.

The Equatorial diameter of Earth is 12756000 meters while the Equatorial Circumference of Earth is 40075000 meters ${ }^{[4]}$. The Earth, held in place by the mass of the Sun bending Space, orbits the Sun at a rate of $29,800 \mathrm{~m} / \mathrm{s}^{[5][9]}$, thanks to this speed and the conservation of angular momentum ${ }^{[6]}$, the Earth's orbit remains on trajectory and does not hurl towards the center of the Sun. The distance from the Earth to the Sun at its perihelion (its closest approach) stands around $147,095,000,000 \mathrm{~m}(91,401,000 \mathrm{mi})$ from the Sun; whereas at aphelion (its furthest), is around $152,100,000,000 \mathrm{~m}(94,500,000 \mathrm{mi})^{[6]}$. Due to the difference in the distance from the Earth to the Sun, the Earth's orbit is said to be elliptical and not a perfect circle, the Earth makes one orbit in about 365.2 days or 1 year, take note that the number of seconds in one year is:

1 year $=365.2425$ days $=(365.2425$ days $) \times(24$ hours $/$ day $) \times(3600$ seconds $/$ hour $)=31,556,952$ seconds
The aforementioned information regarding the Earth and the Heliocentric theory are well known, in fact this theory is taught in schools all across the world, I surmised the basic concepts of the Heliocentric theory using various sources to show just how common this concept is. In this paper I will show evidence that the measurements of the Earth, insofar as it relates to its orbit, speed, and time have nothing to do with the Earth at all but are all, in fact, measurements that pertain to the Sun.

## Measurements of the Earth are of the Sun

First let's come to understand the Sun. The Sun is a massive sphere of Light. While this appears to be common sense, this statement actually has not really been assessed correctly and thanks to quantum physics we can start to see how true this really is. The Sun not only is Light, it sends out rays of Light, the so-called electromagnetic radiation at a speed of $299,792,458 \mathrm{~m} / \mathrm{s}^{[7]}$. Does it not seem possible that, since the Sun itself appears as a Sphere of Light, it could possibly have some sort of relationship to Light Speed? As of yet, nothing of this logic has manifested itself in intellectual circles, and quite frankly, I was also oblivious to the potential actuality of this relationship until I came across it by studying the Earth. The Sun has an immediate relationship with Light Speed, this relationship becomes quite clear the more we come to understand that the Sun is a sphere of Light itself.

To understand this relationship lets first look at the congruency of Light Speed to $\pi$. In one Light Second, Light travels 299, 792,458 meters. Plotting this out geometrically via a Circle we end up with $299,792,458$ meters as the diameter of our Circle. This equates out to a radius of $149,896,229$ meters and a Circumference of $941,825,783.654 \mathrm{~m}$, if Light, as in Photon quanta, were to 'orbit' the distance of the circumference of one Light Second it would take exactly $\pi$ seconds to complete one revolution.
$941,825,783.654 \mathrm{~m} / 299,792,458 \mathrm{~m}=\pi$
At first glance this may seem like an arbitrary coincidence, some sort of obvious answer due to the nature of the calculations with the Circle, the answer arises simply because Light Speed is the same as the length the Diameter of our Circle hence it is really of no significance in and of itself. However, it becomes significant because
it represents a scale model of the Sun, in fact, the Sun is the only other celestial body within the solar system with this relationship to Light Speed. I have stated above, the number of seconds in 1 year is $31,556,952$, does this number look familiar? It is very close to $\pi$, in fact if we change the number of seconds in one year to 3.1556952 by adding the decimal after the ' 3 ' we get a number that is off from $\pi$ by 0.01410 . This indicates to me that we can scale $\pi$ up to be an actual be presentation of the number of seconds in one year by multiplying $\pi$ by $10,000,000$ to get $31,415,926.535$ which is $141,025.464$ seconds or 39.1734 hours off from the standard count of $31,556,952$ total seconds in one year. This error is very small, and thus $(10,000,000) \pi$ represents an ideal year of exactly 0.9961925 years according to modern estimates. If we consider this number as the correct number of seconds in one year, we end up with a day length of 364 days in one year.

The Earth is said to have a mean orbital speed of $29,800 \mathrm{~m} / \mathrm{s}$, this number also so happens to be very close to Light Speed divided by 10,000 , or $c / 10,000$.
$c / 10,000=29,979.2458>29,979.2458-29,800=179.2458$
The mean orbital Speed of Earth is 179.2458 m off from being $1 / 10,000$ ths of Light Speed, because this is so close, I assume the true value of the orbital speed of Earth is exactly $c / 10,000$. Putting the two together we have; 1) the total number of seconds in one year can be expressed as $(10,000,000) \pi$, and 2 ) the mean orbital speed of Earth can be expressed as $c / 10,000$. It must be understood that what I am saying is that the Earth travels its total orbital distance of $939,856,896,000$ meters in $(10,000,000) \pi$ seconds, similarly 1 Light second travels its circumference in $\pi$ seconds. I have so far been able to show that a hypothetical photon quanta moving at Light speed orbiting its own circle with a diameter equal to one Light second is equal to $\pi$. I have also made known a seemingly overlooked relationship between the number of seconds in one year and $\pi$, where $(10,000,00) \pi$ can be said to equal the actual ideal vale of the number of seconds in one year. I have also shown that the orbital speed of the Earth can, ideally, be represented as a $1 / 10,000$ th of the speed of Light. From these parameters I have deduced the geometrical configurations between one Light Second and the astronomical configurations of the Earth are related.

Upon further consideration using these ideal values, I noticed that it makes no sense that Light speed should be related to Earth, whilst during this reflection a eureka moment ensued- the so called orbital speed of Earth, the number of seconds in one year, and the total distance traveled by the Earth are in reality measurement of the Sun, as I will show more precisely. In hindsight, it appears to be most obvious that the Sun has a relationship to the Speed of Light given the fact that the Sun appears to us as a Sphere of Light. I then contemplated how this relationship could be possible within the Heliocentric theory of the Solar System, for how can the Sun orbit the Earth? I then realized the Heliocentric theory is incorrect, the Sun is in fact orbiting the Earth and in doing so one can extract information pertaining to Light speed from this orbit.

Given this now new founded relationship between the Sun and Light speed, correct astronomical calculations can be made if we assume that the speed of Light is exactly $299,792,458 \mathrm{~m} / \mathrm{s}$. The actual Orbital Speed of the Sun then is $1 / 10,000$ of $c$, it completes one orbit around the Earth in $(10,000,000) \pi$ seconds. The distance from the Earth to the Sun at its perihelion (its closest approach) is said to be around $149,597,870,000{ }^{[6]} \mathrm{m}$, this number is in fact
very close to $1 / 2$ of $(1,000)$ cor $149,896,229,000 \mathrm{~m}$, adding this to our already present ideal values, we can truly see the relationship the Sun has to Light Speed. If $1 / 2(1,000) c$ is the actual distance to the Sun, this means the Diameter of the Suns orbit is exactly $(1,000)$ c which gives us an Orbital Circumference of $941,825,783,654.4266386704960010508$ and of course dividing this by the Orbital Speed of the Sun equals the number of seconds in one year or $(10,000,000) \pi$.

|  | Modern Measurement | Actual Measurement | Human Error |
| :--- | :--- | :--- | :--- |
| Average Distance to the <br> Sun (Orbital Radius) | $149,597,870,000 \mathrm{~m}^{[6][9]}$ | $149,896,229,000 \mathrm{~m}[1 / 2$ <br> $1000 \mathrm{c}]$ | $298,359,000 \mathrm{~m}$ |
| Orbital Diameter of the <br> Sun | $294,190,000,000$ | $299,792,458,000 \mathrm{~m}$ |  |
| $[1000 \mathrm{c}]$ | $5,602,458,000 \mathrm{~m}$ |  |  |
| Orbital Speed of the Sun | $29,800 \mathrm{~m} / \mathrm{s}^{[6][9]}$ | $29,979.2458 \mathrm{~m} / \mathrm{s}$ | $179.2458 \mathrm{~m} / \mathrm{s}$ |
| $[1 / 10000 \mathrm{c}]$ |  |  |  |
| Orbital Circumference of <br> the Sun | $924,225,142,759 \mathrm{~m}$ | $941,825,783,654$ |  |
| Number of seconds in one <br> Year | $31,556,952$ | $31,415,926$ | $17,600,640,895 \mathrm{~m}$ |

The above modern measurements are taken from the Earth, I have applied them to the Sun as they are very close to factors of Light Speed for it is contrary to logic to assume these ideal values are for the Earth, which is not even illuminated. Since the Earth doesn't appear in any form related to the Speed of Light, why would it express such perfect alignments with the Speed of Light? The simple answer is of course, it does not, it is the Sun which does, thus giving us evidence for a Helio-Geocentric Solar System. I can understand that some of this may seem like 'wishful' thinking, in order that we may nullify this type of thought, let's systematically look at the evidence.

1) The Speed of the Earth is $179.2458 m$ off from being exactly $1 / 1000$ of Light Speed, the closeness of this measurement seems to indicate a human error at some point when calculating the speed of the Earth. The Speed of the Earth is found by dividing the Orbital Circumference by Time, either hours, seconds, or minutes.
2) The distance to the Sun various, measurements can range depending on the supposed Orbit of the Earth, the source used here ${ }^{[6]}$ calculated an average distance at $149,597,870,000$, very close to $1 / 2 c / 1000$ as shown in the above table. The error equates out to $289,359,000 \mathrm{~m}$, while this may seem like a large number, the fact is we are dealing with large distances; this is a small margin of error. $289,359,000 \mathrm{~m}$ is equal to about 2.68 hours of Earth's supposed orbital time.
3) Because the distance to the Sun can be idealized to a value of $(1,000) \mathrm{c}$, it is indicative that the Orbital Circumference calculated by using this number is related to Light Speed, and the only body of Light nearby is the

Sun. Hence, if the Sun is orbiting the Earth it does so in a direct ratio to the beams of Light is disperses upon the Earth.
4) The total number of seconds in one year is very close to the number $\pi$, because of this we can find the idealized vale for the total number of seconds in one year by scaling up $\pi$ by a factor of $10,00,000$, giving us an error of 141,025 seconds. Assuming the correct average distance to the Sun is $(1,000) \mathrm{c}$ and the Speed of the Earth is moving at ( $c / 10,000$ ) then the time it takes Earth to Orbit in one year invariable ends up being $10,000,000 \pi$, or 364 days.
5) Using the measurement of the Speed of Light as a Diameter for a circle means a hypothetical photon quanta orbits the Circumference in $\pi$ seconds, representing a scale model of the above-mentioned ideal values.
6) If we consider all of this evidence; the Distance to the Sun being $(1,000) c$ which indicates an Orbital Circumference related to Light Speed, the Orbital Speed of Earth at $c / 10,000$, and the time it takes to orbit this distance being equal to $10,000,000 \pi$ thus representing a scale model 1 Light Second, and the fact we count days pertaining to the apparent motion of the Sun, there is no other option than to consider that these values have nothing to do with Earth at all but are in fact measurements of the Sun as they all pertain to the motion or movement of Light, to which the Sun is the only Sphere of Light within our immediate area. This has to be, without a doubt, concrete evidence of a Helio-Geocentric Solar System Model with a rotating Earth.

| Solar Orbital Diameter | $(1,000) c$ | 1 Light Second Orbital <br> Diameter | c |
| :--- | :--- | :--- | :--- |
| Solar Orbital <br> Circumference | $(1,000) \pi c$ | 1 Light Second <br> Circumference | $\pi c$ |
| Solar Orbital Speed | $\mathrm{c} / 10,000$ | Light Speed | $c$ |
| Solar Orbital Time <br> (seconds) | $(10,000,000) \pi$ | Photon 'orbital' Time <br> to travel its Orbital <br> Diameter | $\pi$ |
| Time it takes the Sun to <br> travel its Orbital <br> Diameter | $10,000,00 \mathrm{~s}$ | 1 s |  |

## On the harmony Between the Sun, Moon, and Earth

With this new found relationship we can extract measurements pertaining to the Earth. Using the Equinox as a guide, since we know half of Earth is illuminated, taking the Suns Orbital Circumference of $1,000 \mathrm{c} \mathrm{\pi}$ divided by 12 hours or 43,200 seconds equals $21,801,522.769778394413668888913213$ meters. We then multiply this by 2 and arrive at the circumference of the Earth at 43,603,045.539556788827337777826426 meters
(13,879,280.462962962962962962962963 meters in Diameter and 6,939,640.2314814814814814814814815 meters in Radius)

| Earth | Modern Measurements taken <br> from | Measurements in this paper |
| :--- | :--- | :--- |
| Equatorial Radius | $6,378,137 \mathrm{~m}$ | $6,939,640.2314814814814814814814815 \mathrm{~m}$ |
| Equatorial Diameter | $12,756,274 \mathrm{~m}$ | $13,879,280.462962962962962962962963 \mathrm{~m}$ |
| Equatorial Circumference | $40,075,016.685 \mathrm{~m}$ | $43,603,045.539556788827337777826426 \mathrm{~m}$ |

To find the Speed of Earth's rotation, we divide its circumference $43,603,045.539556788827337777826426$ by the number of seconds in one day, 86,400 which equals $504.66487893005542624233539150956 \mathrm{~m} / \mathrm{s}$, compared with the modern measurement of around $465 \mathrm{~m} / \mathrm{s}^{[10]} .13,879,280.462962962962962962962963 / 1000 \mathrm{c}=21,600$, it would take 21,600 Earth diameters to reach the Sun. 21,600 , curiously enough this is number is 10 times the size of the Diameter of the Moon, 2,160, in miles.

The modern measurement of the Suns Diameter is $1,392,000,000 \mathrm{~m}^{[11]}$, to see how many Suns it would take to reach Earth- using the modern measurements of the Suns Orbital Diameter reveals
215.36814511494252873563218390805 m , this is very close to being a factor of 21,600 , the number of Earth Diameters it would take to reach the Sun, if we assume that the modern measurements of the Sun is off and use 216 , an interesting relationship appears between the Earth, Sun, and the Moon. Using 216, we arrive at the Suns Diameter as $1,387,928,046.2962962962962962962963 \mathrm{~m}$, giving us seemingly innocuous harmonic relationship between the number of Earth Diameters to reach the Sun, 21,600, the Diameter of the Moon, 2,160 miles, and the number of Sun Diameters to reach the Earth, 216. If we use our new found measurements of the Suns Diameter, we find that the Suns circumference is $4,360,304,553.9556788827337777826426 m$, this places the Suns Circumference at exactly 216 times smaller than its Orbital Circumference

| Sun | Modern Measurements taken from ${ }^{[11]}$ | Measurements in this paper |
| :--- | :--- | :--- |
| Equatorial <br> Radius | $696,000,000 \mathrm{~m}$ | $693,964,023.148148148148148148148153 \mathrm{~m}$ |
| Equatorial <br> Diameter | $1,392,000,000 \mathrm{~m}$ | $1,387,928,046.2962962962962962962963 \mathrm{~m}$ |
| Equatorial <br> Circumference | $4,373,096,973.7969921879399995895251 \mathrm{~m}$ | $4,360,304,553.9556788827337777826426 \mathrm{~m}$ |

If we consider adding the Moon into our numerical analysis of astronomical measurements, a very interesting harmony appears between the size of the Moon, the Earth, and the Sun. The modern measurement of the Moons Equatorial Diameter is $3,476,280 \mathrm{~m}^{[12]}$ giving us a $10,921,055.709821126439002917940427 \mathrm{~m}$ Circumference. With our new measurement of the Earth and the Sun as found above, we can see the Earth is exactly 100 times smaller than
the Sun, the Earths Equatorial Circumference is $43,603,045.539556788827337777826426$ m, while the Suns is $4,360,304,553.9556788827337777826426$ m, doing the same thing with the Moon we see the Moon is 400 times smaller than the Suns Circumference and 4 times smaller than the Earth. I arrived close to 400 using the modern measurements, though they are off just a hair off, to arrive at the correct measurements of the Moon I divided the Circumference of the Sun by 400 giving us the Moons Equatorial Circumference at $10,900,761.384889197206834444456607 \mathrm{~m}$ and the Equatorial Diameter at $3,469,820.1157407407407407407407408 \mathrm{~m}$ thus the Moon is exactly 400 times smaller than the Sun and exactly 4 times smaller than the Earth.

The modern vales of the Circumference of the Moons Orbit vary from 712,820,000 m to 813,394,000 $m^{[13]}$ depending on the measurement one wants to use in relation the distance the Moon is from the Earth. I have shown above the harmonic relationship between the Circumference of the Sun and its Orbit, its Orbit being 216 times larger than the Sun, perhaps the Moon also can express this same relationship when it reaches a certain point in its orbit. Due to the pattern of numerical harmony present with the Sun its Orbital Circumference to Sphere Circumference ratio, I assume this relationship also is existent with the Moon, given that the Moon is smaller, we use a fraction of the number, it turns out when we take the Circumference of the Moon and times it by 21.6 we actually arrive at the distance from the Earth to the Moon (235,456,445.91360665966762400026271 m) which puts the Moon between its closest and further point from the Earth.

| Moon | Modern Measurements taken from ${ }^{[13]}$ | Measurements in this paper |
| :--- | :--- | :--- |
| Equatorial <br> Radius | $1,738,140 \mathrm{~m}$ | $1,734,910.057870370370370370370370$ |
| Equatorial | $3,476,280 \mathrm{~m}$ | $3,469,820.115740740740740740740740$ |
| Diameter |  | 8 m |
| Equatorial | $10,921,055.709821126439002917940427 \mathrm{~m}$ | $10,900,761.38488919720683444445660$ |
| Circumference |  | 7 m |

Apparent 216 harmony.

| Number of Earth Diameters to Reach <br> the Sun | 21,600 |
| :--- | :--- |
| Number of Sun Diameters to Reach <br> the Earth | 216 |
| Size ratio of the Earths Circumference <br> to the Suns orbital Circumference | 21,600 |
| Diameter of the Moon in Miles | 2,160 |
| Ratio of Moons Circumference to <br> Earth Moon Distance | 21.6 |

It should be noted that the harmonic numerical relationships between the Sun, the Moon, and the Earth insofar as it pertains to distances and orbital ratios are not in place all the time (except for their sizes), rather, at a certain point during the Sun and Moons orbit-seemingly against all odds- there exists perfect harmony between them within our Helio-Geocentric Solar System Model, all of these numerical relationships are based on the distance from the Earth to the Sun being equal to $(1,000) c$ and the Speed of the Sun equal to $c / 10,000$. The main purpose of this paper is to prove the connection between the Sun and Light Speed, which I have done above, the analysis of various measurements and their ratios to one another are to see if a numerical harmony is present, it does not take into account the ever changing dynamics of the Solar System. Rather, what is presented here is the possibility of a harmonic relationship between separated bodies at some point in Time as they Orbit. There are many factors at play, for example, we could modify the number of days (instead of 364 days we could use 365, which bring the number of seconds in one hour to 59.7) and arrive and vastly different figures, however, we would still find a harmony-albeit with different numbers. The above numerical analysis falls closely in align with the field of 'Mathematical Astronomy' which aims to elaborate the interconnectedness between bodies at a distance, the connection between Light Speed and the Sun represents a real, physical, relationship between a physical constant and the Sphere of the Sun, its Orbital Diameter, and its Orbital Circumference.

## The Astronomical Unit

In modern astronomy an Astronomical Unit, or the IAU is equal to $149,597,870,700 m^{[14]}$, or defined as the average Distance from the Earth to the Sun. We can see that this number is $298,358,300 \mathrm{~m}$ off from our corrected measurements of the Earth-Sun distance as outlined in the first parts of this paper. One Astronomical Unit should actually be defined as $1 / 2(1,000 c)$ or $149,896,229,000 \mathrm{~m}$, this measurement makes sense especially given the fact that the meter has been redefined to the distance Light travels in $1 / 299,792,458 \mathrm{~s}$. Using $1 / 2(1,000)$ c equal to 1 IAU equates out to exactly 500 seconds as the time it takes Light to traverse the distance between the Sun and the Earth, 500 is 0.9952161939 seconds more than the accepted standard time it takes for Light to travel 1 IAU. I understand that the connection between Light Speed and the Sun can be overlooked by established scientists, but how on Earth could these aerospace intuitions, filled with top level scholars, possibly overlook the simple relationship of $1 / 2(1,000)$ c as 1 IAU?

## Discussion

The modern astronomical measurements of the Earth's Orbital Speed, Orbital Distance, and Orbital Circumference are factors Light Speed, this seems to demonstrate some sort of relationship to Light, however the Earth has no illuminated parts nor does it generate Light. Based on evidence outlined in this paper, it is considered that the modern measurements pertaining to the of Earth are actually related to the Sun. Compounded with the
fact that we can translate the mean distance to the Sun as $1 / 2(1,000)$ c shows that Circumference of this Distance has a relationship to Light Speed, thus the body which is traversing this Orbit must be related to Light Speed, from this it is logical to consider this Orbit is that of the Sun, the only body in the immediate area that produces Light or has some visible relationship to Light. The Sun is a Sphere of Light moving at exactly 10,000 times slower than Light Speed. By realizing the Sun is itself Light, one can see that the Sun must orbit for Light is not a stationary thing. This provides strong, if not absolute, evidence for a Helio-Geocentric Solar System with a rotating Earth. A HelioGeocentric Solar System is a model of the Solar System where the Earth has no orbit, the Sun orbits the Earth while the other planets orbit the Sun. This paper modifies the old Tychonian Helio-Geocentric Solar System by adding a stationary rotating Earth. Of course, this theory could be wrong and the Earth expresses these values, though modern Science will have a field day explaining how Light Speed is present in something seemingly unrelated to Light.

It also turns out that the time it takes for the Sun to Orbit is $10,000,000 \pi$ which suggest Pi has a connection to the Speed of Light, this time can translate as 364 days or 365 days with the second count being 59.7. This paper uses the standard count of 60 seconds per hour, the use of 59.7 would not be noticeable by humans on a per day basis, however, when one considers the entire length of the year, this difference adds up. If 59.7 seconds were used, the measurements in the section related to the Earth, Moon, and Sun harmony would have slightly different figures, yet it would to be of no consequence as the same numerical pattern would be existent. My aim in the Harmony section is not to provide accurate measurements but rather explore the relationship between bodies at a distance using numbers, in this respect, using 60 seconds makes it easy to see relationships given that is a whole number.

In addition to proving the Sun is a scale model of 1 Light second, it is theorized that the Sun is made up out of bound Photons forming a macrocosmic Photonic Atom ${ }^{[8]}$. With this model, I first considered the Sun to be massless, however, it would be apt to understand Photons are situated with small mass which is amplified upon thier interacting, thus the deceleration to 10,000ths the Speed of Light from Light Speed occurs with the addition of mass. Of course, this can be wrong and the Sun is still undergoing thermonuclear fusion, though this begs the question of how exactly can the Sun be related to Light Speed if it is made up out of Matter. One senecio is that after the Big Bang, Matter traveled at Light Speed and upon gaining mass it decelerated. The deceleration of Matter of course is not uniform, for why would other planets move at different speeds? While, coincidently, the Sun decelerated to a rate equal to 10,000 ths of Light Speed? Because of this problem, the Photonic Sun Model seems favorable-photons have mass that is amplified upon their binding with one another.

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