

Observing God's Creations to Better Understand Sustainable Fusion and Our Universe

My goal is to widely introduce this new world-changing concept to the masses, while proving that there is nothing more powerful in this world than faith filled persistence. As a non-scholar in the physics community, no other outlet will allow for me to express my faith simultaneously tied to the development of this concept. I want to present this concept in a way that anyone can understand how this new construct of fusion and gravity operates. If I have learned anything from my journey in developing this device, it is that there is no such thing as a true genius in the eyes of the all-knowing God and that any of us can contribute to science if we practice creativity, persistence, and faith. The highest level of knowledge that any man or woman can achieve is great wisdom, and that starts with fear and reverence for the almighty God. Obtaining this type of respect for God coupled with a tenacious determination to obtain true knowledge, one may earn the holy gift of becoming truly wise in their lifetime. I know I am far from obtaining great wisdom at this point and time in my life, but I have the Bible as my playbook and God as my coach directing me in the right direction to eventually obtain this goal.

In 2016, when I first started to delve into learning more about the sun and how it possibly perpetuates the act of fusion. I learned from one of the many podcasts that I would regularly listen to, that there are a lot of physicists that are personally discouraged from going into the field of studying fusion energy. The main reason for many physicists feeling this way is because of the impending doom of the 30 billion dollar International Thermonuclear Experimental Reactor (ITER) project, which was initially established in 1985. This project has recruited thousands of some of the greatest minds in particle and applied physics community to build an oversized tokamak fusion reactor to perpetuate sustainable fusion. If you don't know what a tokamak is, it resembles the oversized doughnut-shaped Arc reactor shown in the first Iron Man movie. The greatest problem is that after pumping billions of dollars, countless man-hours, and 35 years of a collaborated effort into this program; pretty much all of the physicists who study fusion know that the ITER tokamak will never be able to perpetuate a sustainable fusion reaction. So, many of those in the physics community feel that the eventual failed efforts of the ITER project prove that harnessing the power of fusion may be unachievable here on Earth.

It is for this reason God has kept them blind to truly understanding what they witness occurring on a daily basis. Their lack of conviction has left them blind to the understanding that God has already built the basic schematic of a working fusion device that is literally shining brightly in front of them daily. This ignorance has resulted in wasting more than 30 years of immense resources and effort in developing absolutely nothing. This costly failure is due to the physics community failing to understand that anything and everything is achievable with God's influence, and part of that means observing and emulating his creations to better understand what you seek to know. Knowing this simple fact gives the faithful in the sciences an overwhelming advantage over others.

While keeping in mind that God more than likely has already designed in nature what we as man seek to understand, I learned as much as I could about the Sun. The surface of the sun is full of plasma, which is one of the four states of matter which is formed at high temperatures and consists of freely moving protons, positively charged, and free electrons, negatively charged. Besides being spherical, one of the most distinctive features of our sun is its bright surface called the photosphere; and every 11 years when the sun is at its most active, we are able to observe a formation of sunspots on the surface of the sun. These spots have a much stronger magnetic field strength than the other surface areas of the sun. In addition, these spots are also at a cooler temperature in comparison to the surrounding areas. Due to these spots being concentrations of magnetic strength, these are the areas that will have the

greatest observable influences on the plasma, charged particles. Plasma can be manipulated by magnets and will travel in the direction of the magnetic fields.

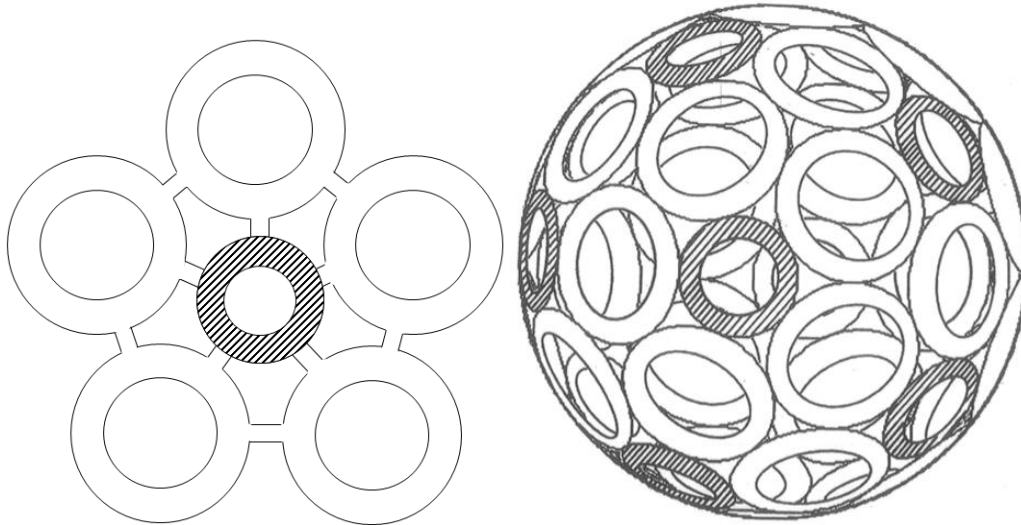
No one knows if these sunspots are due to inadequacies to the system of the sun, but the main thing to take away is that it is magnetic and for the most part circular in shape. When I first started learning about the sun and saw my first picture of a magnified view of a sunspot, I instantly knew what I was looking at. The sunspot I was looking at was the collective of charged particles moving clockwise to create a clockwise moving current; which results in creating an inward-directed magnetic field. Basically, these sunspots are gigantic electromagnets under the photosphere. If you are not familiar with electromagnets, in physics the curl right-hand rule is used to determine the direction of the magnetic fields created in electromagnets and coils. The way this rule works is by making a big thumbs up with your right hand and have the curled finger go in the same direction as the current. When you do this, the thumb will be the direction of the magnetic field created. In the picture below one can literally see the plasma from the photosphere being stretched and pulled into the sun's core. This same magnetic effect would occur if one were to place a clockwise current through a coil of wire. Test out the curled right-hand rule yourself on the picture below and you will see how I believe that these two are related.



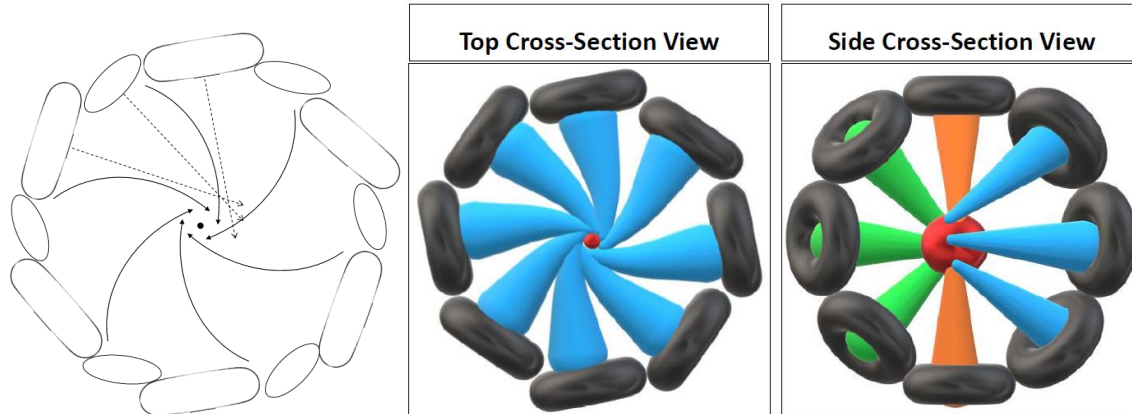
Our sun is not the most efficient star at fusion, which is a good thing. If the sun was too efficient at perpetuating fusion, it would burn out much faster. So, when I studied sunspots, I knew that the probability of them being a phenomenon or inefficiency in the sun's system was pretty high; but the most important thing that I learned from studying these sunspots is that there was a great probability that there is a current-carrying layer under the photosphere made of thousands to possibly millions of these contiguous clockwise currents. This realization initialized me to design a spherical shaped magnetic confining apparatus that consisted of numerous toroidal magnetic coils that would have an inward magnetic field.

After intensely studying the geometry of spheres, I realized that I could not use the same size toroidal magnetic coils for the surface of my confinement apparatus, because the same size circles can't be contiguous and evenly dispersed on the surface of a sphere. So to maximize an even fusion rate within the confines I created a multisized pentacoil design for the makeup of the spherical confinement

apparatus. Below you can see the pentacoil design and how it collectively makes up the spherical confinement apparatus for fusion.



When looking at the spherical confinement apparatus that is supposed to operate within a vacuum chamber; you can kind of figure out that the NESAR is supposed to push and confine charged particles to the center of the apparatus. If I did not get the guidance from God who told me to rotate the confines, it would have been a device that would have did just that. So, one may ask how does one suppose to rotate the confined plasma. As I am not the smartest guy, I originally thought of only rotating the spherical confinement apparatus as a means to rotate the confinement of charged particles; but after months of studying some particle physics, I learned that confinements of charged particles that generate a collection plasma will reduce in its velocity. The main issue is that this confined plasma will not slow down enough for the physical rotation of the spherical confinement apparatus to possibly play a greater factor in trapping and rotating the confines. So, after going back to another brainstorming session, the guidance of God came through. Instead of solely focusing on rotating the spherical confinement apparatus to rotate the confines, slightly angle the toroidal magnetic coils off-center in a way that rotates the confines in one collective direction. Below you can see diagrams of the cross-section depicting the angling of the toroidal magnetic coils. The diagrams on the left and middle are cross-section views from a top looking down perspective of the NESAR confinement apparatus. From these two diagrams, you can see how the angled toroidal magnetic coils push a rotational pattern upon the confined particles. The middle diagram depicts the angled toroidal magnetic coil fields as a blue color. The diagram on the right is a cross-section view from an upright perspective of NESAR confinement apparatus. In the diagram on the right, the angled toroidal magnetic coil fields directed to the background are green; while the toroidal magnetic coil fields directed to the foreground are blue. In this same diagram, the toroidal magnetic coil fields directed to the center of the confinement apparatus are orange.



If you notice, from the diagrams above, the angled toroidal magnetic coils will manipulate the confined charged particles into a spherically shaped collective that will rotate in a clockwise direction from right to left. In remembering that an electromagnet is only charged particles moving as a collective in a rotational direction, the confined particles in the NESAR collectively exhibit the properties as a single magnet. Like God said, "Rotate a magnet that is in the shape of a sphere inside of another magnet that is also in the shape of a sphere."

Through God's grace I was finally able to grasp the general concept; I realized that I needed to educate myself even further to be able to logically explain in detail how the NESAR corrects the issues of previous fusion devices if I ever wanted to justify its patentability. So, I had to learn in-depth on the sequencing of cusp confinement fusion reactor concepts, and what I learned was that most of these devices mainly focus on confining electrons. Initially, I was confused because the act of fusion does not occur by smashing together electrons, because they are elementary particles and will not fuse. The main reason that cusp confinement devices focus on electron confinement is to create a strong negative potential well that will attract positive ions. Since electrons are 1,835 times less massive than protons; less energy is needed to effectively confine and shape electrons. After a stable negative potential well is established, ions are released into the system to accelerate towards the negative potential well. As the ions accelerate towards the negative potential well; their kinetic energy increases. The ions that collide at high enough energies will fuse. In general, I needed to learn how physicists approach the concepts of fusion to ultimately explain the validity of my ideas scientifically.

Wisdom comes from being humble enough to know that God is the creator of the universe and that he is the ultimate genius and engineer. So don't go crazy attempting to find the understanding of something by reinventing the wheel; just observe his creations more closely. He is the creator of everything, so he has more than likely already designed a blueprint for you to follow. Once you find the blueprint, just try to the best of your ability to replicate and understand his balanced perfection well enough to be utilized and explained. I feel that those who are able to maximize their potential as a scholar can seamlessly tie the connections of his creations to physical laws; and have the ability to effectively disseminate the understanding of these connections in lay and understandable expressions for the common man to understand.