Sphere Theory Explains the Prevalence of the Golden Ratio

1.0 Abstract

Sphere Theory is a theory that the universe is a sphere made of spheres, made of spheres, etc. (1) It was shown by Sphere Theory that Planck Pressure is a pressure of gravitational force between adjacent Hubble Sphere universes. (2) We can use a simple calculation to show why the Golden Ratio is prevalent in our universe. The Golden Ratio can be shown to be produced by the gravity between two, uniform, and symmetrical spheres. The acceleration of gravity, of our Hubble Sphere universe, increases as we get farther from the center of our Hubble Sphere universe linearly, the gravity from our adjacent Hubble Sphere universes decreases by the square of the distance from the center of that Hubble Sphere universe. The point at which these two accelerations, of gravity, become equal, is found to be related to the Golden Ratio.

2.0 Calculations

We define the gravitational force of a symmetrical, uniformly dense sphere, to be 1 at its surface. As we move towards the center of the sphere, the gravitational force decreases linearly to zero at the center. As we move out from the sphere the gravitational force decreases by the inverse of the radius.

If we have two spheres adjacent at what point does the gravitational force from one sphere, as it decreases by the inverse of the radius, be equal and opposite to the linear decrease to the center of the other sphere. The fraction at which this occurs is calculated as follows.

The equation can be written in two forms

Form 1

$$1+1-y=\frac{1}{y^2}$$

The solutions are

$$y=1$$

$$y=\frac{1}{-\psi}=-0.618033988749895$$

And

$$y=\psi=1.61803398874989$$

Form 2

$$x = [\frac{1}{1+1-x}]^2$$

There are three solutions.

$x = 0.381966011250105$
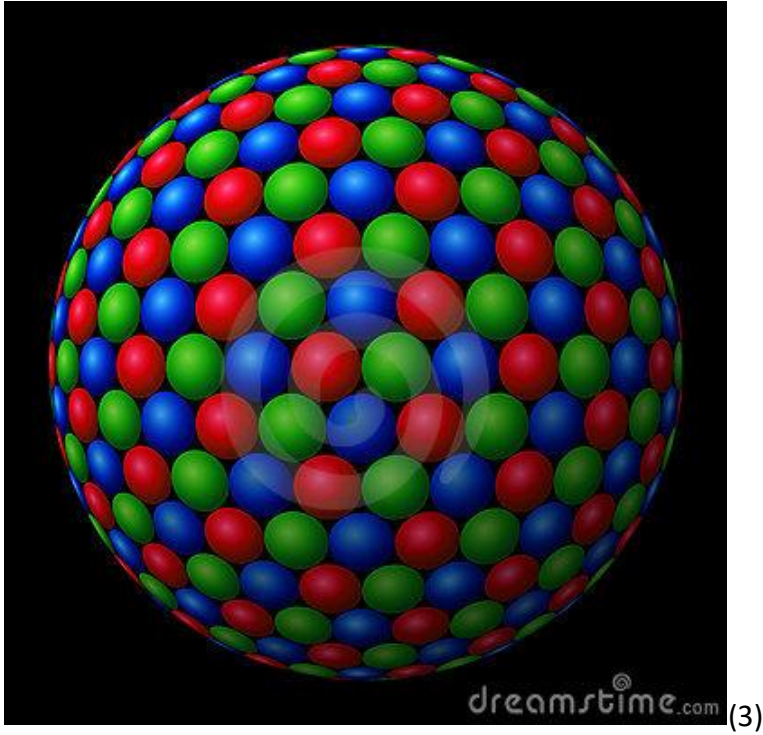
$x = 1$

$x = 2.61803398874989$

It is clearly seen that the value $x = 0.381966011250105$ is one divided by the Golden Ratio squared and $x = 2.61803398874989$ is the Golden Ratio squared.

3.0 Discussion

From this little exercise we see that gravity between adjacent spheres, yields phenomena, that is the Golden Ratio. This would be true at every level of Spheres. Therefore, the level of the Universe, called the Hubble Sphere, would have phenomena that is the Golden Ratio, the Planck Sphere, that is the Sphere size that atoms are made of, would have phenomena that is the Golden Ratio. This phenomena of gravity between spheres being related to the Golden Ratio, is evidence that the Golden Ratio may be related to gravitational forces between symmetrical, uniformly dense spheres.
The following is a picture of a sphere made of spheres.

(3)

4.0 References

1) http://vixra.org/pdf/1601.0234v4.pdf

2) http://vixra.org/pdf/1404.0055v3.pdf

3) DreamsTime.com