



How the Higgs Field Effects the Wave Propagation of Waves as Wavy Resembles a Sine Wave. Why Astronomical Particles have Relationship between Shape (Elliptical) and Orbit (Elliptical).

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<https://doi.org/10.26782/jmcms.2019.08.00010>

Abstract

The space is filled with Higgs fields. As other fields like electric fields or magnetic fields, Higgs fields are of elliptical shape. Higgs fields are small individual fields represent a tiny part of space. Every adjacent Higgs Fields have opposite rotations, the repulsive force makes them to have unique identity for themselves which makes free space highly stable. Opposite rotation is the reason that any two Higgs fields do not mingle with each other to form larger field in free space, but under the influence of ordinary matter like Earth, Higgs fields change their orientations to be unidirectional to form a larger field called gravity. The larger the mass, the higher the number of Higgs fields to have unidirectional orientations. The force carrying particle Higgs Boson is responsible for Higgs field and the force carrying particle graviton is responsible for gravitational force. The unidirectional orientations of many small oval shaped Higgs Boson yields the graviton which has oval shape too. Thus, Higgs Boson and graviton are same force carrying particle acting differently at different situations. For example, stationary charge gives electric field where as moving charge gives magnetic field. The phenomenon of both is basically the same but looks different due to movement. Maxwell realized that the phenomenon of both is the same with the same force carrying particle but act differently at different situations. In this paper we will find, why wave propagations of waves are wavy. We will also find why the shape and orbit of astronomical objects are of similar pattern – elliptical or oval shape.

Keywords : Astronomical Objects, Higgs Field, Graviton, Higgs Boson, Force Carrying Particle

I. Introduction

Theory1: Without any external disturbances, the gravitational pull of an astronomical object is elliptical; which is the cause of the shape of the astronomical object to be elliptical, in other words, the shape of the object follows the shape of the gravity.

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Theory2: The elliptical shape of Higgs field causes the gravity of an astronomical body to be elliptical to have elliptical orbit for other astronomical body revolving around it.

Theory3: The elliptical small individual Higgs field causes the elliptical gravitational pull of an astronomical object which intern is the cause of elliptical shape of the astronomical object.

Theory4: The alignment of the number of Higgs field to be unidirectional under the influence of an astronomical body is directly proportional to the mass of the astronomical body. Without external disturbances, the shape of the gravity is oval is the cause of the oval shape of the astronomical body.

Small individual Higgs field have oval shape like other fields such as electric field, magnetic field – all have elliptical shape [I, II]. All the force carrying particles like Higgs Boson, Graviton have oval shape [III, IV]. The oval shape of force carrying particle is necessary condition for temporal movement. Let us take an example of a Higgs field –

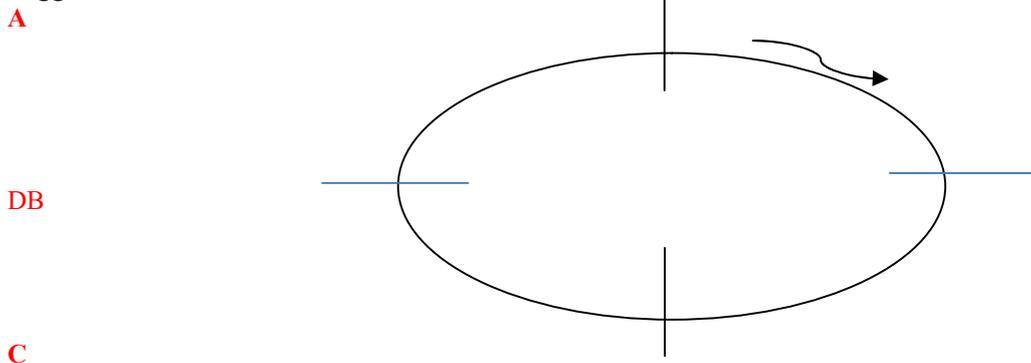


Fig 1.An oval shaped Higgs Field with time runs fastest in point A and C whereas time runs slowest in point B and D with respect to the inertial reference frame.

The Higgs field is of oval shaped because of oval shaped Higgs Boson[V, VI]. The internal time difference inside the oval shaped Higgs Boson gives it oval shape for itself. The internal time difference within the Higgs Boson creates time movement for point D to catch up point A. This internal temporal difference is deliberately maintained to sustain temporal movement. Point B and point D are trying to catch up temporal movement of point A and point C. Their goal is to make it uniform time every point. If B and D would succeed, the internal structure of Higgs Boson would be perfectly circle and no temporal movement would be there, in other words, time flow would be dead zero or time would not have any direction. If there would be interchange between either A and C or B and D, time would flow in reverse direction. Thus, due to internal temporal difference within the Higgs Boson, it is of oval shape and time runs in the forward direction with respect to the inertial reference frame. When force carrying particle Higgs Boson revolve due to temporal difference within itself, it follows the path of oval shape as shown in figure 1. Thus, Higgs field has the same structure as the Higgs Boson. Higgs Boson moves slowest in the point B and D in figure 1 and Higgs Boson moves fastest in points A and C creating temporal

difference between point A and B so that the field looks like oval shape. For an observer outside, it looks like Higgs Boson slowest in point B and D, in other words, time runs slowest in the point B and D whereas Higgs Boson have Highest speed in points A and C, in other words, time runs fastest in point A and C. So there are temporal difference within the Higgs field, this is the reason time runs forward in the free space[VII, VIII].

A''

D''B''

C''

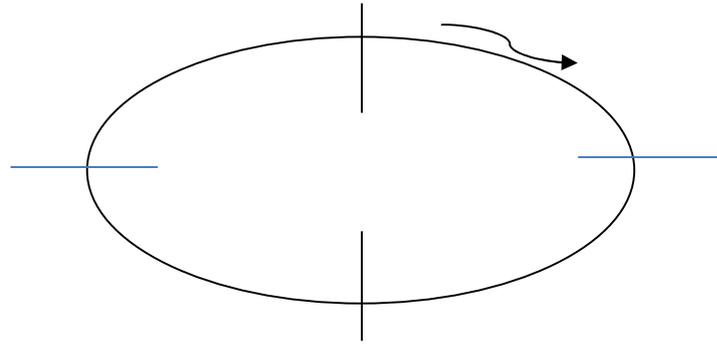


Fig 2. It shows an oval shaped Higgs Boson with time runs fastest in point A'' and C'' whereas time runs slowest in point B'' and D'' with respect to the inertial reference frame.

II. The Shape of the Gravity

Without any external disturbances, under the influence of an astronomical body, every adjacent small oval shaped Higgs fields (which normally have opposite rotations), align to be unidirectional to produce gravity of the astronomical body. The alignment of the number of Higgs field is directly proportional to the mass of the astronomical body. Hence the gravity of the astronomical body is directly proportional to the mass of the astronomical body. Without any external disturbance, massive number of small Higgs field produce massive gravity of the astronomical body which is also of oval shape. The oval shaped gravity enforces the astronomical body to be of oval shape too. For example, Earth has an oval shape because its gravity is of oval shape too. The oval shape gravity enforces other smaller astronomical body to have oval orbit to be revolving around it. For example, moon is of oval shape and it is revolving around the earth in an elliptical orbit. Similarly, Sun has an oval shape; it has an oval shape gravity enforcing other planets to be revolving around in an elliptical orbit.

III. Why Wave Propagations of Waves are Wavy

Every adjacent small Higgs fields are of oval shape and have opposite rotation with respect to each other[IX]. The force carrying particle can interact with the other force carrying particle to change the direction only without any change in speed. Thus, other waves interact with the Higgs field just to be bent inward with the direction of the Higgs field. Because two adjacent Higgs fields have opposite rotation, thus, if one Higgs field bent light in the right side, the next one will bend it

to the left side. That is why, wave propagations of waves are wavy in nature to resemble as a sine wave.

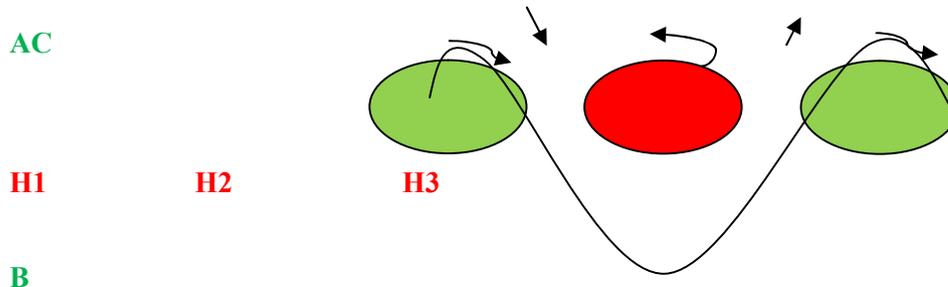


Fig 3.Wave propagation of wave

$H1, H2, H3$ are three small Higgs fields. $H1, H2$ have opposite rotations with respect to each other, $H2, H3$ are adjacent Higgs fields with opposite rotations with respect to each other. ABC is the path of a wave propagation (example - electromagnetic radiation such as light), which bent inward in the same direction of the Higgs fields to produce a wavy sine wave path. That is why force carrying particle has wavy path, more popularly known as wave propagation resembles a sine wave.

IV. Conclusion

Higgs Boson has oval shape to create different temporal movements with respect to the inertial reference frame. Oval shaped Higgs Boson creates oval shaped Higgs field to transfer the temporal property from particle to the field. Higgs field has an oval shape just to create temporal differences among the points on the path of the field. Because there are infinite points in the path, the path looks like continuous and there are infinite differences of time among points on the path makes time flow in the forward direction and it looks like continuous too. If Higgs Boson changes its orientation in opposite direction, Higgs field orientation would be opposite too. Then, time would flow in the reverse direction. Small individual Higgs fields align in the same direction under the influence of astronomical body to produce a larger and stronger field is called gravity of the astronomical body. Without external disturbances, the shape of the gravity is elliptical which enforces to be the shape of the astronomical body to be elliptical too. Because every two adjacent Higgs field have opposite rotation with respect to each other, the wave propagates with bent inward with respect to the Higgs field, makes the path wavy which is popularly called wave propagation resembles a sine wave. Every astronomical particle has a linear relationship between shape and its orbit of revolution of other astronomical bodies. The shape of an astronomical body is deliberately reshaped by nature deviated from

ideal circle just to create temporal movement in the forward direction, and thus, time has a meaning.

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