

HERETICAL PHYSICS – NEWTON CORRECTED

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ABSTRACT

Much of Standard Model Physics defining Solar System orbits is founded on corruption of mathematical standard rules. No “Physics” that makes things tick, so we have a Universe constructed from mathematical symbols. This has been so, for more than four hundred years and nobody has seen fit to make the corrections. Miles Mathis has developed an extensive list. For the twentieth Century, physics has stagnated according to many qualified Authors, including unwarranted Nobel Prizes. E.g ‘Higgs’ In this paper some of the more obvious mathematical corruptions embraced by the S.M. will be discussed. The principle failure; diagnosing gravitational attraction as a property of planet density, instead of the more obvious conclusion that gravity is a Property of SPACE (the 95% dark Matter/Dark Energy bit?) and will be addressed in the following.

INTRODUCTION

Authors who have criticized the S.M. and embraced the ‘SPACE Aether’ as the whole, 100%, Universe, include;- P.Aspden; A.Evert; and according to Evert also certain A.Einstein during a Physics lecture in 1922.

The following discussion will extrapolate from their foundations, but do not anything published in their papers. The assertion that “SPACE-Dark Matter- Aether” is responsible for gravitational acceleration can best be illustrated as follows.

Consider a cubic metre airtight box. Drill a small hole and insert a balloon, sealed around the edges. Fill with air to one litre volume, the balloon’s external pressure is uniform over whole surface. The resultant external surface pressure will be identical if we fill balloon with one litre of water or mercury.

The S.M. defines the “Matter Universe” as 5% visible and 95% Dark Matter/Dark Energy and most of the visible matter is contained in Hydrogen and Helium liquids and does not leave much for Stars and Planets. Therefore the Solar System must have only miniscule matter content. In the scheme of things the whole Solar System is no more than a ‘Dust Spec’ and cannot generate any internal energy.

Newton’s gravitational formula, the foundation of all Physics teaching and theory $F(\text{weight}) = (G \cdot M_1 \cdot m_2) / r^2$; OR $F(\text{weight}) = m_2 \cdot g$ is applied in engineering structures as Static Loading (no work done), there are no dynamic properties.

Planets do orbit in perfectly circular orbits as hypothesized by Newton, except that the centre of the revolutions is as at varying eccentric locations, measured from the SUN. When measured from the SUN to Kepler’s radial locations there is no visible mass in existence. Conclusion ‘Gravitational mass attraction’ between planets does not exist. Moons refuse to spiral into parent bodies etc. Earth is 2,500,000km from is supposed Kepler orbiting location.

In the physics Standard Model (S.M.) the manipulation of Static loads (weight F) $F = m_2 \cdot g$ or $m_2 \cdot a = G \cdot M_1 \cdot m_2 / R^2 \rightarrow$ and $G \cdot M_1 / R^2 = ‘a’$ (but $m_2 \cdot a$ is static).

Now wrongly equated directly to dynamic loading forces arising from momentum energy e.g. K.E (E_K) = $\frac{1}{2} \cdot m_2 \cdot V^2$. [Linear momentum or Tangential Momentum]

In the S.M. momentum with acceleration V^2/R is equated to Static loading $G.M1/R^2$. A further mathematical failure arises by ignoring the inverse square law and its variable action at extremities; Perihelion to Aphelion, being ignored and applying some illegal average for interplanetary gravitational attraction, which attraction has not been observed to exist. e.g. binary stars continue to display repulsion as does Pluto-Charon etc. Miles Mathis has written a detailed paper concerning these faults.

SOLUTION

Kepler's constant = $Rk \times V^2$ has been derived from a variety of sources, that never include a mass term.

- A) Mercury;- $57,909,175\text{km} \times 47.8725\text{km/s}^2 = \mathbf{132,714.8 \times 10^6}$
Eccentricity (centre of orbit from SUN);- $= 11.9266 \times 10^6\text{km}$
- B) Venus ;- $108,208,930\text{km} \times 35.0214\text{km/s}^2 = \mathbf{132,718.1 \times 10^6}$
Eccentricity (centre of orbit from SUN);- $= 0.72 \times 10^6\text{km}$
- C) Earth ;- $149,597,890\text{km} \times 29.7859\text{km/s}^2 = \mathbf{132,723.2 \times 10^6}$
Eccentricity (centre of orbit from SUN);- ;- $2.48 \times 10^6\text{km}$
- D) Mars ;- $227,936,640\text{km} \times 24.1309\text{km/s}^2 = \mathbf{132,727.58 \times 10^6}$
Eccentricity (centre of orbit from SUN);- ;- $= 20.88 \times 10^6\text{km}$

NOTE; Eccentricity dimension is not a common position.

The complete three dimensional (3D) of the Solar System orbit must include the dynamic, 400km/s galaxy orbit. Omitted from Newton's hypothesis and never corrected. Now such 3D orbit is a helical spiral, a path around a cylinder. The centre of each Helix defined as the eccentric point for each planet. SUN Gravity cannot cause such a hodge-potch of orbits or tangential vectors at right angles to the 400km/s vector and required construction for Newton's innate tangent fails.

Mercury has the smallest values and to illustrate the S.M. anomaly, the orbit varies from $(46 - 70) \times 10^6\text{km}$. and a derived Kepler Radius (Rk) = $58 \times 10^6\text{km}$ is allocated as a constant to the Planet's 360 degrees of orbit by ignoring aphelion to perihelion range of values. Applying Rk as a constant, which only exists for two Arc-Seconds per orbit? Kepler's law that planetary orbits form an ellipse is clearly impossible when there is no second focal point. What is observed is a circular orbit about the eccentric point.

A naked tension force, 'Gravitational Attraction', is required to emanate from the SUN at varying velocities many times the speed of light to arrive simultaneously at each planet. This has never been explained and the gravity mechanism, unknown.

The time value varies from a few hundred seconds to several hours (Pluto).

Despite all these failures, millions of texts publish such false doctrines and teachers have to cope with large dropout rates in High School.

Einstein's Relativity is an extension to the above failures and according to Mathis further obscures the process.

PARADOX

Physics is defined as the mechanics of matter in motion and relationships of this motion in altering behaviour. Gravitation is assumed to be a property of mass, despite neither mass nor gravity having any known or theoretical physical structure (refer C.E.R.N). The paradox for forecasting gravitational attraction by applying Newton's term ($G. M1$) clearly shows that for Earth only a microscopic percentage of mass; (less than one part in 10,000,000,000) of $M1$ (= 'G.M1') is required to produce 'g'

The Cavendish experiment in 1798 did not define 'G', but was used to 'Weigh the Earth'. A volumetric relationship of 'G' was not considered when extrapolating the Cavendish result. Newton's 'G' says planet 'MASS' generates 'g' rather than using the factor of SPACE 'Gv' as the factor generating 'g'.

If Newton had written his equation $'g' = Gv \times \text{Volume} / R^2 = 9.82 \text{m/s}^2$

$$= Gv \times \frac{4}{3} \times \pi \times R^3 / R^2 = Gv \times \frac{4}{3} \times \pi \times R = 9.82 \text{m/s}^2$$

$$Gv = 9.82 \times 3 / (4 \times \pi \times 6,378,100 \text{m}) = 3.6756 \cdot 10^{-7} \text{ [Approx. } 1/(3 \times 10^8)]$$

i.e. 'g' is now property of SPACE volume displacement and the path of Physics may well have been different?

Questioning Newton;- area Earth = $510,000,000 \text{m}^2$, and $G.M1 = 3.983 \times 10^{13} \text{kg}$, contained in the vol. of a sphere;- Surface Area = $510,000,000 \text{km}^2$

(density having no effect) and analyzing Newton;- e.g. Earth

$$\text{Surface Area} / \text{Newton mass (G.M1)} = 5.10 \times 10^{14} \text{m}^2 / 3.985 \times 10^{13} \text{kg} = 1.28 \text{kg/m}^2$$

Earth utilizing $< 1.3 \text{kg/m}^2$ to produce 'g'!

$$\begin{aligned} \text{Newton's Resultant Earth Shell thickness (t)} &= 1.28 \text{kg/m}^2 / 5,515 \text{kg/m}^3 \\ &= 0.000,232 \text{m} = 0.232 \text{mm} \end{aligned}$$

By this analysis neither mass (nor density) is relevant!

Rewriting Newton in terms of volume:-

$$'g' = (Gv \times \frac{4}{3} \times \pi R^3) / R^2 = Gv \times 4.1888 \times R$$

$$Gv = 9.82 / (4.1888 \times 6,378,100 \text{m}) = 0.36756 / 10^6$$

$$\text{In application } 'g' = 0.36756 \times 4.1888 \times R / 10^6 = 1.5396 \times R / 10^6 \text{ m/s}^2$$

$$\text{Earth } 1.5396 \times 6,378,100 / 10^6 = 9.82 \text{m/s}^2 \text{ [just checking numbers]}$$

Prof. Brian Cox published a time-lapse 'g' test in a vacuum chamber in which a 0.5kg bunch of feathers and a 5kg bowling ball accelerated exactly equal to hit the ground simultaneously. This He explained is because the Earth surface is considered to be expanding. i.e. interpreted by the above vacuum sphere structure.

This interpretation is that 'g' is derived from a volumetric (or radial) structure displacing SPACE. What proof is there that Newton's 'G' is a "universal?" constant? other than a faulty mathematical application. Thus 'Gv' is not proved either.

AUTHORS

A. EVERT;- Aether dynamics extends outwards to SPACE until it becomes equalized with the uniform environment and extends from within the atom. Ranging from micro to macro applications. (A.EVERT and P ASPDEN).

ASPDEN has defined Aether as a lattice of cubic structures from inside the atom, all the way to SPACE Domains 500 light years' diameter. Where the lattice has a propensity to construct protons, (and hydrogen) ensuring the Universe is forever. e.g. "Conservation of Energy."

CONCLUSION

Gravitational attraction is more akin to structure of a Surface Tension elastic blanket surrounding each planet by "dark matter Compression?" and is purely a local action at spherical surface, degenerating by the inverse square law to outer SPACE.

ALTERNATIVE HYPOTHESIS

What alternative is there? What can explain the current physical failures?

Let's begin with the Aether dark matter/dark energy 'sea', which comprises 95% of the Universe. Then define a mechanism from within such continuous solid frictionless energy transportation and exchange 'sea'.

Also postulate that Sun and planets are each at centre of a displacement sphere, causing some "Dark Energy" charge concentration blanket. Such dark energy charge enveloping planet and developing a surrounding static charge field. External to the planet, a physical spherical boundary of "charge", becomes the boundary the "whole". Planets are sited at the axle of spin, within their Dark Energy charge sphere (P.E.S.). Refer FIGURE 1 below for graphical description of events.

EARTH DATA

There are two energy spheres one spinning internal to the larger. The smaller planet (P.E.S.) spinning within the larger like a washing machine spin dryer. The smaller sphere containing the planet is rotated by the larger sphere; (Dark Matter G.E.S.) is driven by Galaxy power spins and precesses about the SUN centre at Kepler Radius (Rk).

Earth's axis and its (P.E.S.) is mounted at a tangent, around the twenty three degree mark above the G.E.S. "equator", which in turn spins with 1.2 degrees axial tilt to the Ecliptic. This varies the Earth axis by a range of 2.4 degrees as the tangent position spins with G.E.S. precession. The Milankovitch cycle for global cooling-warming and is independent from pollution.

Aphelion = 152.09×10^6 km; Perihelion = 147.1; difference = 4.99×10^6 km
= P.E.S. orbit Dia. at level of Ecliptic.

Kepler radius $147.1 + 2,495,000 = 149,595,000$ km

This is planet centre orbit dia. within the "Energy Aether Sphere (G.E.S.)" transporting and spinning planet Earth (P.E.S.). The Kepler radius defines the orbit centre of G.E.S. (Not planet centre, which is 2,495,000km distant)

Earth which is part of 5% Universe visible matter within (P.E.S.) in an otherwise pristine Aether-Dark Energy environment)

Orbit time = 365.24 days = 31,556,736 secs

'g' = $1.5396 \times R/10^6 \text{ m/s}^2 = 1.5396 \times 6,378,100 / 10^6 \text{ m/s}^2 = 9.82 \text{ m/s}^2$

Kepler radius applies from the SUN centre to orbit centre of energy sphere (G.E.S.) and it is the centre of this orbiting (G.E.S.) which is the orbiting at velocity V_o . (dia. = 4.99×10^6 km at Ecliptic) which derives Kepler's constant. The planet and its charge radius (P.E.S.) are a separate entity from (G.E.S.) Refer FIGURE 1, later

Orbit (P.E.S.) track length = $\pi \times 4.99 \times 10^6$ km = 15.67655×10^6 km

= distance traveled by Earth centred charge sphere (P.E.S.), spinning 365.24 rotations per orbit.

= 42,921.22km circumference → dia of Earth (P.E.S.) working radius sphere

Dia. (P.E.S.) = 13,662.249km (Earth + charge field)

of radius = **6,831.1km.** and is rotating within Galaxy sphere G.E.S.:-

Dia. = $4,990,000 \text{ km} + 13,662.25 = 5,003,662 \text{ km}$ at ecliptic. Geometry gives working radius of G.E.S. (R_{EGS}) = $(5,003,662 / 2) / \text{Sin}.23^\circ = 6,402,948 \text{ km}$

Therefore extends $6,402,948 - 5,003,662 = 1,399,286 \text{ km}$ beyond working

contact rad. Of (P.E.S.). G.E.S. acts as a 'Ring gear' transporting P.E.S. (to give it a physical meaning). P.E.S. in working contact with G.E.S. at

458.1247km above Earth surface. Above 458.1247km transport by G.E.S will diminish to zero at radial value (from P.E.S. centre)

= $1,339,286 + 6,381 = 1,345,667 \text{ km}$.

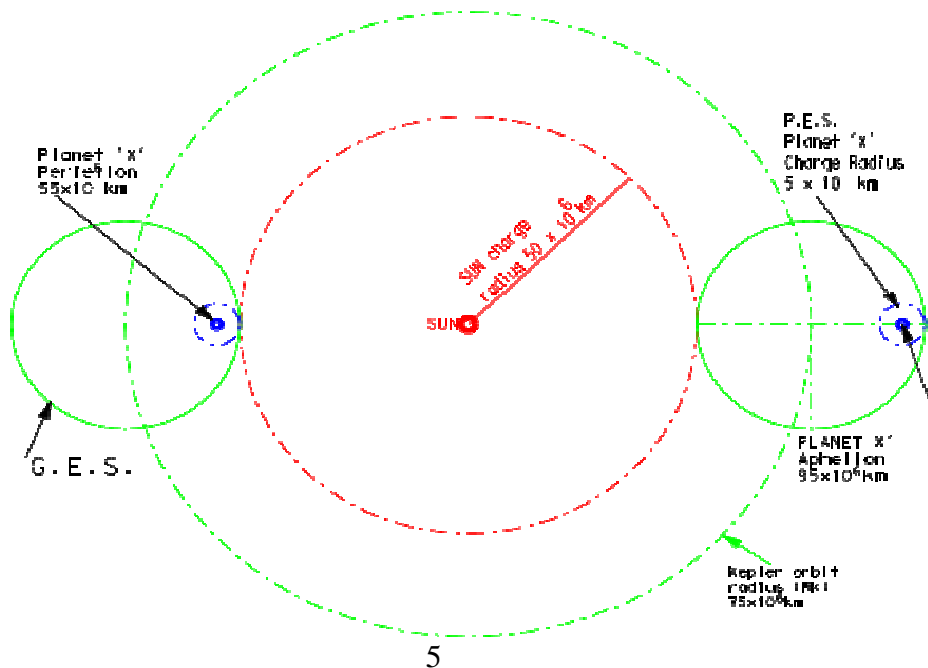
Thus the galaxy G.E.S. is spinning the Aether blanket charge P.E.S. surrounding and containing planet Earth and in turn spinning whole (P.E.S. + Earth) as a single component. Meanwhile P.E.S. remains at a static location by apparently rolling in reverse, relative to Galaxy (G.E.S.). The blanket charge and Earth remain “fixed” in G.E.S. location. The Earth and enveloping charge field, are static synchronised thereby rendering the Michelson/Morley experiment with a static outcome all the way up to 458.1247km. Effective SUN working charge radius ;-
 = Kepler radius (149,595,000) – 2,495,000 – 6,831 = 149,703,169km

MERCURY

Aphelion = 69.76×10^6 km; Perihelion = 46.08×10^6 ;
 difference = 23.68×10^6 km = dia. and radius = 11.84×10^6 km
 (= P.E.S. planet orbit track within G.E.S., relative to Ecliptic)
 Kepler’s Radius (Rk) = $(46.08 + 11.84) \times 10^6 = 57.92 \times 10^6$ km
 Now we must derive the planet charge field radius;-
 Orbit time 87.969days = 7,600,521secs
 Orbit track length = $\pi \times 23.68 \times 10^6$ km = 74.3929×10^6 km
 = distance traveled during 1.33 spins = 55.9345×10^6 km/spin
 Dia. Mercury centred charge sphere (P.E.S.) = 17.8045×10^6 km
 radius = 8.9023×10^6 km
 Effective SUN charge radius = $(57,920,000 - 11,840,000\text{km} - 8,902,300\text{km})$
 = $37,177,700\text{km}$
 Mercury ‘g’ = $1.5396 \times R/10^6 \text{ m/s}^2 = 1.5396 \times 2,439,640/10^6 \text{ m/s}^2 = 3.756\text{m/s}^2$

NEW PLANET ‘X’ Added to Solar System Radius = 10,000km
 Stylized graphic for parallel alignment of SUN axis; P.E.S axis and G.E.S. axis
 Equatorial charge planes in perfect alignment

FIGURE 1



In planetary orbits; spin axis and equatorial energy planes are at varying angles. Each planet needs separate analysis with accurate data, in lieu of approximations quoted.

Note;- Fictitious Planet 'X', to illustrate engineering constants to match entry

To Solar System

PLANET 'X' derived data

Kepler Radius to G.E.S. = 75×10^6 km

Orbital velocity G.E.S. (km/s) = $\sqrt{(132,723.2 \times 10^6 / 75 \times 10^6)} = 42.067$ km/s

Path length = $\pi \times 2 \times 75 \times 10^6$ km = 471.2389×10^6 km

Orbit period = $471.2389 \times 10^6 / 42.067 = 11,202,104$ s = 129.65 earth days

Number spins = $50/5 = 10$ per orbit (P.E.S Charge field radius pre-defined)

'X' spin time (one day) = 12.965 earth days

'g' = $1.5396 \times R/10^6 \text{ m/s}^2 = 1.5396 \times 10,000,000/10^6 = 15.396 \text{ m/s}^2$

Alternative location

PLANET 'X1' at SUN charge radius 100×10^6 km;- derived data

Kepler radius to G.E.S = 125×10^6 km

Orbital Velocity G.E.S. = $\sqrt{(132,723.2 \times 10^6 / 125 \times 10^6)} = 32.585$ km/s

Path length = $\pi \times 2 \times 125 \times 10^6$ km = 785.398×10^6 km

Orbit period = $785.398 \times 10^6 \text{ km} / 32.585 \text{ km/s} = 24,103,059$ s = 278.97 days

Number spins (P.E.S.) = $50/5 = 10$ per orbit → spin time = 27.897 earth days

OTHER EARTH MECHANISMS

The operation of the Galaxy driving sphere G.E.S. applies a rotating charge to planet Earth aether sphere P.E.S. Energy transmitted creating Earth's magnetic field, in the identical manner that the back e.m.f. is created in the induction motor. In the S.M. this e.m.f. is described as an electromagnetic generator by Dynamo Theory. The S.M. has no energy source for spin rotation. By this hypothesis the Galaxy is required to deliver twice the input, as the generated back e.m.f. resists the magnetic change.

From the above derivation of 'Gv', Earth is a hollow sphere containing inductive Dark Matter and the resulting e.m.f charge field extends out into SPACE to the working boundary charge value with between P.E.S. and G.E.S. The applied energy is at 23 degrees to the Earth Spin axis but is compromised by axial spin. Such that the magnetic axis settles half way; i.e. approx. eleven and a half degrees to spin axis. It should be noted here, that molten metals lose their magnetism, jeopardizing the Dynamo Theory.

Following are the basics for the complete range of Earth Dynamics;-

- A) The magnetically generated e.m.f. creates a circulating electric current in a closed loop around the tropics. The P.E.S. - e.m.f. spinning parallel to its energy equator (G.E.S.), while Earth is at 23^0 to this applied action.
- B) A closed current loop electrolyses sea water producing hydrogen and oxygen.
- C) When the Sea was loaded with iron particles, the iron was precipitated to Iron Oxide in packed layers, observed as mountainous ore deposits. The remaining oxygen generated sea life forms and is still in action.
- D) Hydrogen was absorbed by a form of algae to create Oil deposits, while excess formed the C.M.B via cooling and transmitting microwave photons.
(Prof. Kanarev and Prof. P.-M. Robitaille).
- E) Ancient salt deposits and ancient seabed at top of Andes Mountain used to calibrate satellites, area. $5,600 \text{ km}^2$ and accurate to less than one metre.

- F) Loss of sea level caused some sea life to forcibly adapt to land life.
- G) Ocean beds become mountain terrain e.g. Grand Canyon, Ore Deposits in N.W Australia, Giant sea fossils in Libya mountains etc.
- H) Stress caused to the Earth aether sphere P.E.S. being rotated by the External Galaxy Sphere G.E.S. stresses seabed, to be relieved by Plate Tectonics.

Has anyone any other ideas?

John "The Heretic" Oct 2017