HERETICAL PHYSICS – PLUTO WITHOUT NEWTON

John E Miller (hlampton@bigpond.com.au)

ABSTRACT

Physics has been static for the last '400' years, hidebound by Newton's hypothesis of gravitational attraction between heavenly bodies. Such hypothesis is not proven, by existing published data. This paper will derive a solution that complies with published data and the correct application of mathematical laws by analyzing the orbiting, Pluto-Charon circular waltz. The ultimate pointer, to failure of Newtonian theory and a correction to Kepler's Laws.

A previous paper "NEWTON CORRECTED", the theory of galaxy energy spheres will be applied to explain the complete mechanics for Pluto-Charon orbits and spin. The Universe is a mass packed solid, as is an ocean of water, when something moves everything else responds.

INTRODUCTION

Cavandish experiment did not provide a test for Newton's 'G' (a FUDGE Factor), neither did Nevil Maskelyne' who carried out a test in deriving a mass ratio comparing a mountain with planet Earth. The corruption of mathematical laws by equating Newton's formula, basically ;a law of statics being equated to laws of dynamics and two dimensional circular orbits around eccentric points, etc. etc. When in reality planets are travelling in three dimensional helical paths more than one hundred time faster than orbit speeds. Newton's basic need is for a two dimensional tangential velocity vector, which does not exist. Newton's gravity is required to be tension force moving instantaneously over distances of 100 light secs to seven light hours. In response, a compression force acting on a solid mass can achieve this objective.

Comparison of mass by utilizing weight comparisons must be millennia aged. Comparison could equally be expressed by equating

Unit weight = Unit mass / earth radius. (r = constant)

In lieu of;- Newton's Unit weight (F) = mass x g (statics) 'g' being a variable dynamic number. Now confused with dynamics;- distance $= \frac{1}{2}$ x g x t^2 ;Offsetting from a tangential velocity that does not exist by V_o^2/r? to produce circular motion? Kepler's V_o is the orbiting velocity of the Aether carrier sphere as follows;-

Labelled "G.E.S." Defined at the orbit diameter, calculated from the difference between Aphelion and Perihelion. The centre of G.E.S. orbit dia. is at the Kepler radius used by Kepler's constant $= R_k$ x $V_O{}^2$ and has been derived from a variety of sources, that never includes mass.

SOLUTION
The published DATA for Pluto varies slightly between references, including a value for mass.
 Kepler's Constant for Venus;-108,208,930km x 35.0214km/s^2
$$= \mathbf{132,718.1 \ x \ 10^6}$$
    This value will be used as the "Standard" to compare Pluto.
NOTE;-
[By rewriting Newton in terms of volume in lieu of mass for Earth, to derive values for 'g':- an alternative 'G' is derived 'G$_V$'

'g' $= (G_{V\ x}\ 4/3$ x π x R^3) $/R^2 = G_V$ x 4.1888 x R

$G_V = 9.82\ /(4.1888$ x $6,378,100m) = 0.36756\ /\ 10^6$

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

Earth 1.5396 x 6,378,100 / $10^6 = 9.82$m/s^2

This 'g' derivation will be reworked for Pluto and Charon.

HYPOTHESIS
All energy of orbits and transport are provided by Galaxy. A charge mechanism of electrostatics is envisaged. Fields have a resultant balance radius of contact.
A) Galaxy provides an energy sphere (G.E.S.) to transport planets in a helical path around the Solar System at 400km/s.
B) G.E.S. spins and does a gyroscopic precess around the SUN, which creates an apparent orbit. NOTE no Gravity in action!
C) Planet is trapped near internal surface causing it to reverse spin to maintain gyro orientation with SPACE. i.e. an internal STATIC location.
D) Creating Aphelion and Perihelion from a circular track. NOTE no elliptical path, but a circular path with a near SUN eccentric centre.
E) Pluto and Charon share a common spinning environment.
PLUTO is mounted at a tangent on the G.E.S on the opposite side from the SUN at an angle 11.88^0 reference to SUN equator.

PLUTO DATA

Perihelion;- 4,436 x 10^6km. Aphelion;- 7,375 x 10^6km.

Kepler Radius (Rk);-5,905.5 x 10^6km. (centre of orbit distance of G.E.S. from SUN)

G.E.S. orbit dia. at chord

$= (7,375 - 4,436)$ x$10^6 = 2939$ x 10^6 km $= D_2$

$R_2 = 1,496.5$ X 10^6 km (used later)

Kepler's Constant R_K $_.$x V^2 $. =$ **132,718.1 x 10^6**

ORBIT VELOCITY

G.E.S.;- $V_0^2 = 132,718.1$ x 10^6 / 5,905.5 x 10^6km. $= 22.4736$ km^2/s^2

and V_0 of G.ES. $= 4.74$km/s

G.E.S. Alternatively;- π x 5,905.5 x 10^6km x 2 / 248yr $= 4.74125$km/s

Pluto published data;-

Axial tilt ;- orbit to Ecliptic $=17.1^0$

;- Equator to SUN equator $= 11.88^0$ [Used in computations]

;-tilt to orbit 122.53^0

$\because$ Axis to G.E.S. equator 57.57^0

Spin $= 6.39$d

Orbit Rotation $= 248$ yrs.

Pluto radius $= 2,376.6$km; and 'g' $=0.08$m/s^2

Equatorial rotation vel. $= 6.52$km/hr;-1.81 m/s

Orbit velocity;- 4.8km/s

ALTERNATIVE application of published DATA (hypothesis).

Alternative volumetric 'g' $= 0.36756$ x 4.1888 x r/10^6

(No Mass term) $= 0.36756$ x 4.1888 x 2,376.6 / 10^6

$= 3.658$ m/s^2

CHARON (Published data)

Inclination to Pluto equator $=0.001^0$

Inclination to Pluto orbit $= 119.591^0$

Inclination to Ecliptic $=112.783^0$

Distance to Pluto $= 19,596$km

Radius $= 606$km

ALTERNATIVE application of published DATA. (hypothesis)

Alternative volumetric 'g' $= 0.36756$ x 4.1888 x r^2/10^6

 (No Mass term) $= 0.36756$ x 4.1888 x 606,000/ $10^6 = 0.933$m/s^2

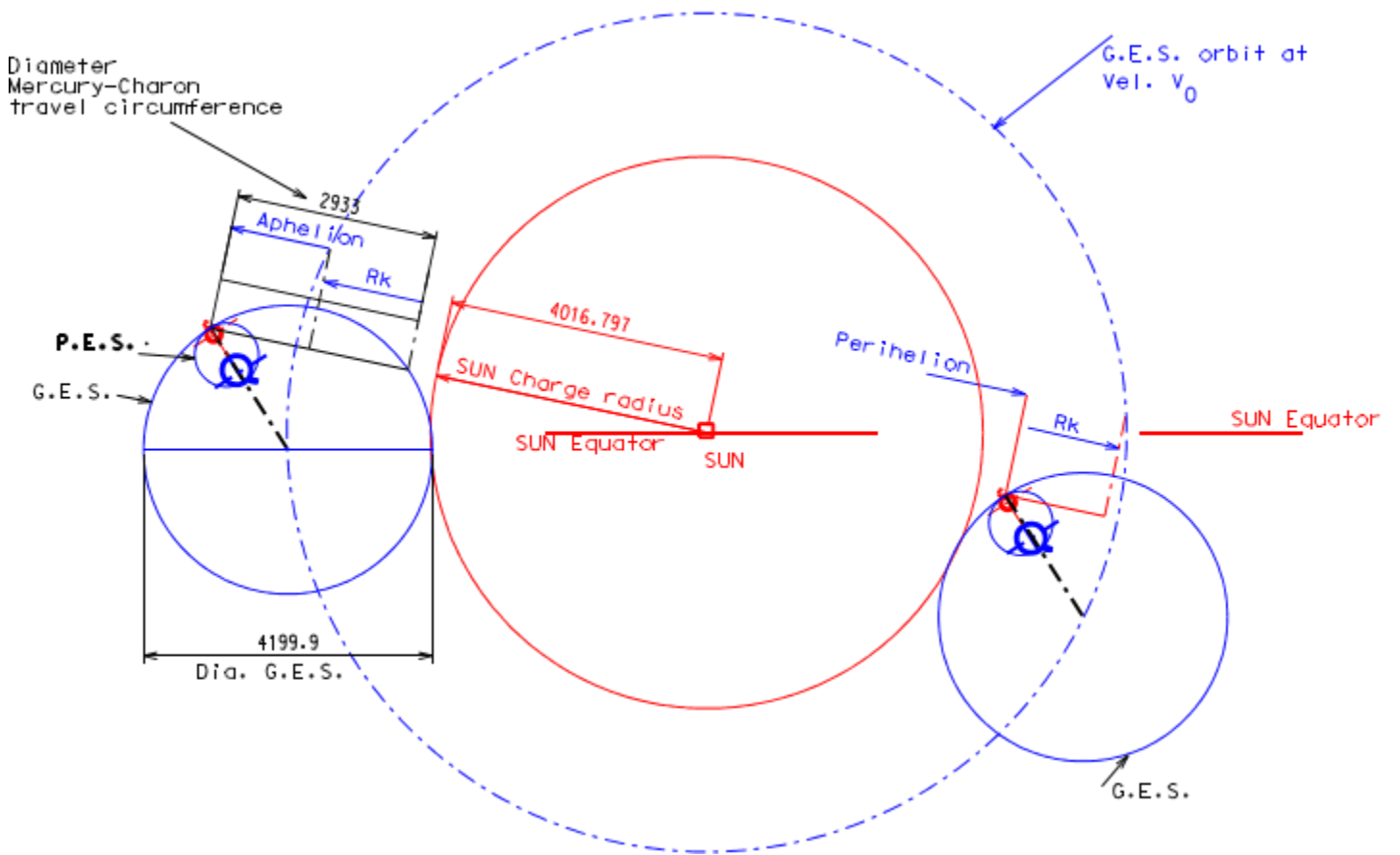Now diagrammed fig. 1;- Galaxy energy constructed energy spheres.

1) Central sphere encompassed the SUN

2) A second carrier sphere G.E.S. is the spinning transport mechanism to

transport each planet within, acting like a mobile 'spin dryer'
3) A third energy sphere (P.E.S.) with planets at the centre is transported
and is Spun, similar to a motor cycle on the wall of death within the
G.E.S.

FIGURE 1
A construction of Pluto-Charon, mounted in their P.E.S. and where the
G.E.S. orbits at the Kepler radius (Rk), adjusted later. The G.E.S. has
orbital velocity V_o. In the Solar System, there are no planets at any Kepler
radius. Further Kepler's 'ellipse' does not match DATA, since there is no
second focal point.

Diameter
Mercury–Charon
travel circumference

2933
Aphelion
Rk
P.E.S.
G.E.S.

4016.797
SUN Charge radius
SUN Equator
SUN

Perihelion

Rk

SUN Equator

G.E.S. orbit at
Vel. V_o

4199.9
Dia. G.E.S.

G.E.S.

LEGEND
● Charon
◉ Mercury
At notional scale for illustration

G.E.S. spins A.C.W. left to right as viewed, while P.E.S spins left to right moving in reverse to hold its position relative to SPACE. This causes Pluto to spin almost N-S, but small angle of force, causes N pole spins C.W. Left to right.

Charon is 0.001^0 to Pluto equator.

Mercury – Charon orbit travel distance per orbit = π x $2,933.10^6$ km

Refer chord fig.1

Period 'T' = 90,560d. and spin 't' = 6.39d

Spins/ orbit = 14,172.144

Travel / spin = π x $2,933.10^6$ / 14,172 km = 650,175km/ spin =

Dia. charge (P.E.S.) = 206,957.4km and charge radius = 103,478.7km.

Spacing Charon – Pluto =19,596km

Charon radius = 606km

Pluto radius = 2,376.6km
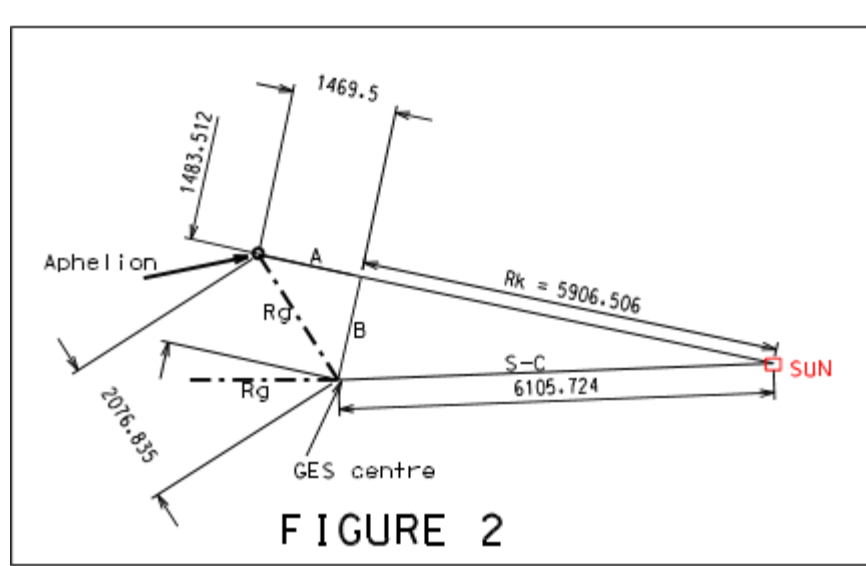
Total o/all = 22,578km contained in sphere 206,957km dia.

FIGURE 2

Figure 2 is **graphical** construction of orbit data deriving G.E.S. dimensions. R_g = radius G.E.S.

Centre of chord at 90^0 to centre of G.E.S.;-

      0.5 x chord = 0.5 x 2,933 x 10^6

                = 1,466.5.x 10^6 km (diagram. 1,469.5 x 10^6 km)

Sun angle to G.E.S. centre $=14.0617^0$ → $B / R_K = \tan 14.0617^0$

$\qquad$ $B = 5,905.5 \times 10^6$km x $\tan 14.0617 = 1,479.163 \times 10^6$ km

$(R_g)^2 = \sqrt{[(1,496.5)^2 + (1,479.5)^2]}$ → $R_g = 2,104.384 \times 10^6$km

$\qquad$ $R_g = $ [Radius G.E.S.]; dia. $= 4,208.768 \times 10^6$ km

Pluto axis at tangent to G.E.S. and equator tilt $= 122.53^0$; Axis $= 32.5^0$

Spacing P.E.S. from centre G.E.S. $= 2,104,384,000 - 206,957$

$\qquad\qquad\qquad = 2,104,177,043$km

Angle SUN to G.E.S. centre orbit $= 14.06^0$

computed distance $= 5,905.5 / \cos 14.06 = 6,087.88 \times 10^6$ km

$\qquad$ (diag. construction;- 6,105.724km) and true Kepler R_K

$\qquad$ NOT $5,905.5 \times 10^6$km

New V_O^2 x R_K = **132,718.1 x 10^6** → **V_O** $= 4.6691$m/s

SUN to centre G.E.S.

Angle R_g to orbit $= 57.47 - 11.88 = 45.59^0$

Sun charge radius $= 6,087.88 \times 10^6 - 2,104.384 \times 10^6$

$\qquad\qquad = 3,983.496 \times 10^6$km

SUMMARY

SUN charge radius ;- = 3,983.496 x 10^6km

Kepler's radius (Rk);- = 6,105.724 x 10^6km

G.E.S. radius Rg ;- = 2,104.177x 10^6 km

P.E.S.dia. ;- =206,957. km.

Charon – Pluto centred in P.E.S.

John (The Heretic)

Nov 2017