EARTH'S MASS & ACCELERATION

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Entrained 186-Ether ℭ

186-ether mass, $\wp$ obeys the ether constant ratio, K

$$\mathrm{K} = \frac{m}{r} = \frac{\wp}{\mathrm{B}} = \frac{1.859222909\times10^{-9}}{1.380668031\times10^{-36}} = 1.346611109\times10^{27}\, kg/m$$

The gravitation constant, G is now factored into a 186-ether mass of 1.859222909×10^{-9} kg and radius, B for Boltzmann, measuring $1.380668031\times10^{-36}$ m,

$$G = \frac{B}{\wp}\cdot c^2 \quad \text{or} \quad G = \frac{1.380668031\times10^{-36}}{1.859222909\times10^{-9}}\cdot c^2$$

$$K\cdot G = c^2$$

Atomic mass or molecular mass is negligible compared with the mass of entrained ether.

Entrained Ether for Earth

The acceleration of entrained ether produces an acceleration of 9.8 m/s²

Radius of Earth 6.371×10^6 m

$$Ether = 1.346611109\times10^{27}\times6.371\ \times\ 10^{6} = 8.57926\times10^{33}\, kg$$

Force of entrained ether F = m a

$$F = 8.57926\times10^{33}\times9.82$$

$$F = 8.42483332\times10^{34}\, N$$

Force, F of earth mass, m oscillators F = m a

$$F = m\cdot\frac{c^2}{r}$$

$$F = 8.42483332\times10^{34} = m\cdot\frac{c^2}{6.371\times10^{6}}$$

$$m = 5.9748\times10^{24}\, kg$$

Mass of earth

Newton's equation for earth:

$$E = G\times\ M_1\times\ M_2 / R$$

$$E = \frac{(6.674199942)10^{-11}\times(5.9748\times10^{24}\times8.58\times10^{33})}{6.371\times10^{6}}$$

$$G = \frac{1.380668031\times10^{-36}}{oscillator}\cdot v^2$$

Substitute the tangential velocity of earth, v to obtain the oscillator mass,

$$oscillator = \frac{1.380668031\times10^{-36}}{6.6742\times10^{-11}}\cdot(7.91\times10^{3})^2$$

$$oscillator = 1.29432405\times10^{-18}\, kg$$

$$\frac{oscillator}{\wp} = \frac{1.29432405\times10^{-24}}{1.859222909\times10^{-9}} = 6.96164\times10^{-10}$$

Earth's Mass $5.9748\times10^{24}\, kg$

$$5.9748\times10^{24} = 4.616154664\times10^{42}\times1.29432405\times10^{-18}\, kg$$

$$oscillator = 1.29432405\times10^{-18}\, kg$$

There are 4.616154664×10^{42} ether oscillators each of mass $1.29432405\times10^{-18}\, kg$ that constitute the measure of earth's mass of $5.9748\times10^{24}\, kg$.

There are 4.616154664×10^{42} ether masses of $1.859222909\times10^{-9}\, kg$ that constitute the measure of earth's entrained ether mass of $8.58\times10^{33}\, kg$.

Each 186-ether seed gives rise to an element of the periodic table. This is mass with associated charge or oxidation state. This is the birth of elements.

Elementary charge, e is 186-ether.

$$(1.602176537\times10^{-19})^2 =$$

$$1.859222909\times10^{-9}\times1.380668031\times10^{-36}\times10^{7}$$

Mass does not convert to energy pure or otherwise at the speed of light, c. Earth's mass is at the speed of light.

Newton's G can be factored in many ways.