What does Rydberg constant represent? (1.5 / tau) / 2.17647019e-8 = 10968788.6255 = 1/Lyman Limit

((((planck length^2)*10973731.568508)/m)/(0.5 kg * G/c^2)*(2π)/(electron mass/kg)) = 137.03599915^2

(0.5 kg * G/c^2) = Granularity = 3.71295774e-28 meters

1.70377849e+53 = Mass Universe

((1.70377849e+53^0.5) (m^(-1)) * ((0.5 kg * G) / (c^2))) / (Planck Length / hbar) = 0.999999999 m kg / s

https://goo.gl/QiK42Z

(1.09041824e55 / 1.70378e53) / (2^2) = 14.8437591708 = 74.8% DE

(1.09041824e55 / 6.81511398e53) / (2^2) = 4 = 20.16% DM

1.70378e53 = 1 = 5.03936774681% NM

100 / ((14.8437591708 * 5.03936774681) + (4. * 5.03936774681) + (1 * 5.03936774681)) = 1

0.25 / ((((c^5) / (hbar * (G^2))) / ((1.09041824e55 + 6.81511398e53 + 1.70378e53) * (c^2))) * (((0.5 kg) * G) / (c^2))) = 138

138-1 = 137

(WMAP) spacecraft seven-year analysis estimated a universe made up of 72.8% dark energy, 22.7% dark matter and 4.5% ordinary matter

https://www.youtube.com/watch?v=cvz9uSK3zXo

https://en.wikipedia.org/wiki/Rydberg_constant

https://en.wikipedia.org/wiki/Fine-structure_constant

https://en.wikipedia.org/wiki/Electron_rest_mass

https://en.wikipedia.org/wiki/Planck_length

https://en.wikipedia.org/wiki/Gravitational_constant

https://en.wikipedia.org/wiki/Speed_of_light

https://en.wikipedia.org/wiki/Kilogram

https://en.wikipedia.org/wiki/Schwarzschild_radius

https://en.wikipedia.org/wiki/Penrose_tiling

https://en.wikipedia.org/wiki/Golden_triangle_(mathematics)#Golden_gnomon

https://en.wikipedia.org/wiki/Fractal

https://photos.app.goo.gl/ynorWnZ77SG7qpW12

https://photos.app.goo.gl/yzlBTZ4PkyoSwo2D3

https://photos.app.goo.gl/F1rmnVv8YsXStMQD2

1.71138679e+53 kg *c * ((electron mass/hbar*(planck length))^2 = 1 kg s / m

https://www.youtube.com/watch?v=cvz9uSK3zXo

"The Big Electron .... Woah Woah", George Carlin

(1.71138679e+53 * (2^6)) + (1.71138679e+53 * (2^2)) + 1.71138679e+53 = 1.1808569e+55

((1.0952875e+55) + (6.8455472e+53) + 1.71138679e+53) = 1.1808569e+55

1.71138679e+53 kg *c * ((electron mass/hbar*(planck length))^2 = 1 kg s / m

(((6.8455472e+53kg*G/c^2)/(1.0952875e+55 kg*G/c^2))^0.25 = 0.5

Dark energy & Dark Matter & Normal Matter are Koide

https://photos.app.goo.gl/DussqMGRJpLcfE9o2

https://photos.app.goo.gl/cki2glhyhpx9dSDo2

(hbar/planck Length) *(1.71138679e+53^0.5 *(0.5kg*G/c^2)) = 1.00223028

((1.0952875e+55 + 6.8455472e+53 + 1.71138679e+53)/(sqrt(1.0952875e+55) + sqrt(6.8455472e+53) + sqrt(1.71138679e+53))^2)/(3/4)^2 = 1.0137740955

After 14.0047821766 billion light years, a Photon emitted at Planck temperature will have dropped below Planck's Constant .

So that is the Horizon of the Universe and a Different Universe after that

(hbar / s)*14.0047821766 billion light years*c/(4pi/3) = 1

(s/hbar *Joules^2) = 5.91852459e52 eV Photon

(s/hbar *Joules^2)/ 1.416808e32 Kelvin /6.52749404442^2/(pi/2) = 1

((5.91979465e52 eV * electron mass /c *137.035999172^2)^2/(m^2 kg^4 / s^2)+0.5^0.5 = 1

((5.91979465e52 eV /joules * hbar

hbar*5.91979465e52 eV = 1.00021459

Planck Photon emitted @ Planck Temp = 5.91852459e52 eV

(5.91852459e52 eV/1.7037785e53kg)/(G/c/4) = 1

1.7037785e53kg/(13.88805 billion light years)*(1kg*G/c^2)/kg*(6.52489305/tau) = 1

https://goo.gl/iEX3Lr

((((1.7037785e53 kg) / (13.8880509 billion light years)) * ((1 kg * G) / (c^2))) / kg) * ((hbar / planck length) / tau) = 1 m kg / s

1/(((((((planck length^2) * 10973731.568508) / m) / (((1 kg) * G) / (c^2))) * (4 * π)) / (electron mass / kg)))^0.5 = 137.035999172

The Aether is Still at Planck Pressure, [Photon eV Is equivalent to the (volume of Aether DISPLACED)].

(1 * electron mass * (c^2)) / ((c^7) / (hbar * (G^2))) = 1.76703212e-127 m^3

Electron Volume = 1.76703212e-127 m^3

((1 * proton mass) * (c^2)) / ((c^7) / (hbar * (G^2))) = 3.24454075e-124 m^3

(((1 * proton mass) + (1 * electron mass)) * (c^2)) / ((c^7) / (hbar * (G^2))) = 3.24630779e-124 m^3

(((hbar / planck length) / c) * (c^2)) / ((c^7) / (hbar * (G^2))) = 4.22190231e-105 m^3

(((1 kg) * (c^2)) / ((c^7) / (hbar * (G^2)))) = 1.9397933e-97 (m^3)

((1 / (((c^7) / (hbar * (G^2))) * 1.76703212e-127 (m^3))) / c) * (4pi) = 511986.803

(((1 / (((c^7) / (hbar * (G^2))) * 1.76703212e-127 * (m^3))) / c) / 510998.9461) * (4pi) = 1.00193319

Electron Schwarzschild radius = (2*electron mass*G/c^2) = 1.35291025e-57 m

r = 3.48111693E-43 m https://youtu.be/tFq5lCNEZmU
V = 1.76703212E-127 m_3
A = 1.52281479E-84 m_2
C = 2.18725027E-42 m

((2*electron mass*G)/(3.48123344E-43 m))^2/137^2/13*2 = 1 m^4 / s^4

Charge Area of the electron = photon eV

(((((1.352910249E-57 m)^2) / ((1.6161132e-35 m)^2)) / 13)*(((2*5)^2) s)) / ((1.6161132e-35 m) / c) = 1

1 / ((((((1.352910249E-57 m) / hbar) / c) / electron mass) / 2)^0.5) = 6.5248935 m kg / s

(6.6774990391e-11 m^3/kg/s^2)/c^2/ (hbar/planck length)/electron mass/5^3 = 1

(G)/c^2/ (hbar/planck length)/electron mass/5^3 = 0.999487974

(6.6774990391e-11 (0.2m)^3/kg/s^2)/c^2/ (hbar/planck length)/electron mass = 1

https://en.wikipedia.org/wiki/Heat_capacity

((((c^2) / (Boltzmann constant^2)) / (1.416808e32 kelvin)) * electron mass * (6.52489 / tau)) / pi = 1.00206659 m^-2 kg^-1 s^2 K

(((electron mass / 6.52489) * (((1.35291025e-57 / pi) * m)^2)) / (((2/1.416808e32) kelvin) * (((1.35291025e-57 * m) / c)^2))) / (c^2) = 1.00206768 kg / K

(Planck Mass *((Planck Length) m)^2)/(Planck Temp*((Planck Time)^2) = Boltzmann's Constant

https://goo.gl/ZaLXo5

Electron Schwarzschild radius = (2*electron mass*G/c^2) = 1.35291025e-57 m

Boltzmann constant / (the speed of light^2) = 1.53617865e-40 kg / K

(1 / (((((((13.605609692 eV) / (c^2)) * G) / (c^2))^3) * ((c^7) / (hbar * (G^2)))) / (hbar^2))) / (137.03599917 * 29.9792458) = 1 m^2 kg

https://en.wikipedia.org/wiki/Rydberg_constant

What does Rydberg constant represent?
Rydberg constant. ... The Rydberg constant represents the limiting value of the highest wavenumber (the inverse wavelength) of any photon that can be emitted from the hydrogen atom, or, alternatively, the wavenumber of the lowest-energy photon capable of ionizing the hydrogen atom from its ground state.

((13.605609692eV/c^2)*G/c^2)^3 = 5.84266497e-186 m^3

Rydberg Energy Volume = 5.84266497e-186 m^3

(1/G/1.37035999172e-5 kg/m^2*c^4)^(1/3)*hbar = 13.606eV

((1.37035999172e-5 kg m s)/c^4*G)/(hbar/13.6056096911eV)^3 = 1

((1.37035999172e-5 kg m s)/c^4*G)/(hbar/2.179859e-18 Joule)^3 = 1

((((1106+842+642+488+412+388+380+376)/(1106) /(4pi/3) = 1.00025859804

https://en.wikipedia.org/wiki/Lyman_series

https://photos.app.goo.gl/Z7DSFrMh0vTnF7yC3

((2pi*hbar)^3/(9.11267051e-8 m)^3/c^3)^(1/3)/electron mass*137.035999172^2*2 = 1

YES .....
the Lyman series Transitions are a “VOLUME CHANGE”

(((0.5 electron mass)*c^2)/m^3) = 4.09355282e-14 joules/m^3 = CMBR

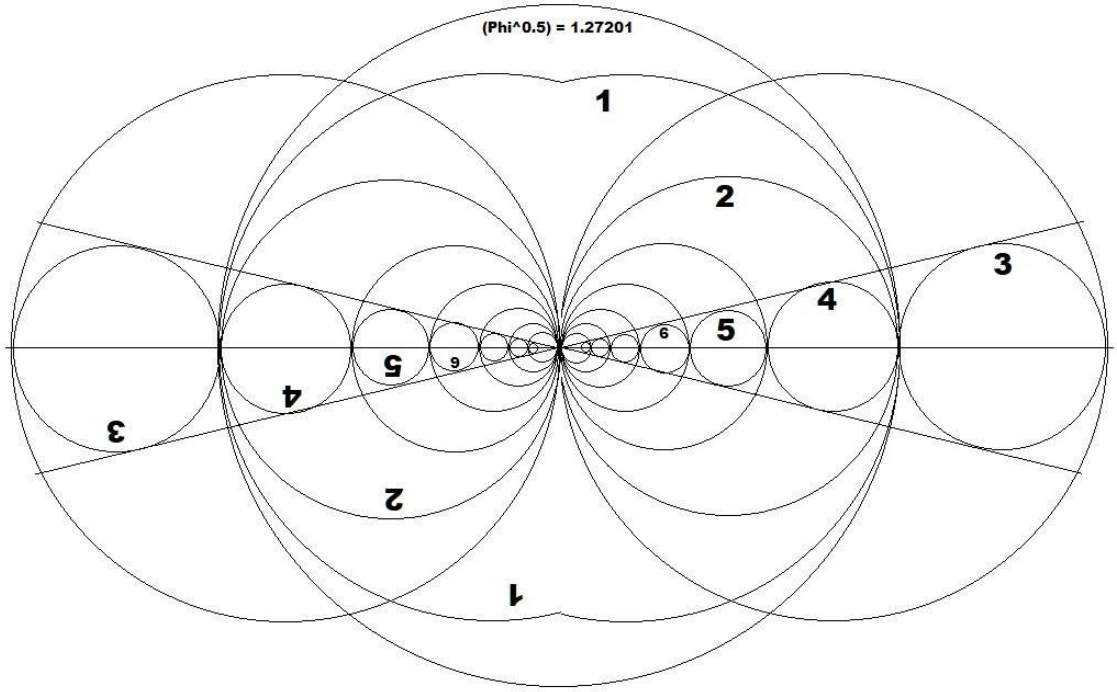
(hbar/(1 m)/c)/ (1 Planck length) = 2.1764702e-8 kg / m

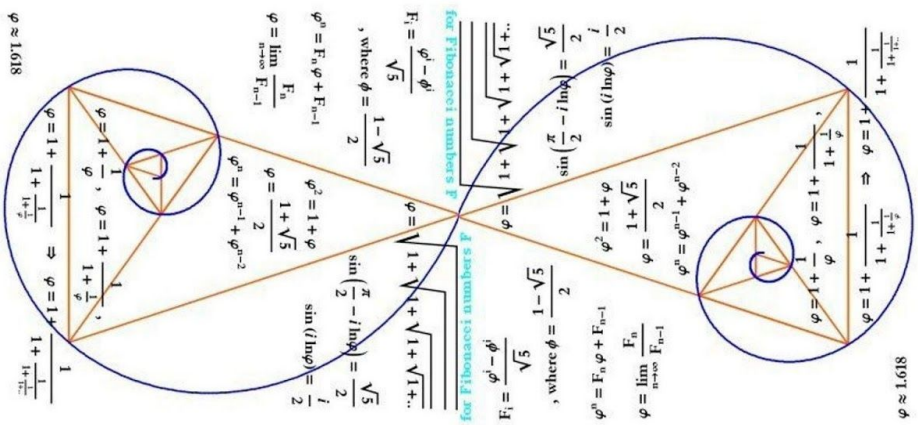
((hbar/(9.11677703e-8 m))/c)/((1.5/tau)*Planck length) = 1 kg / m

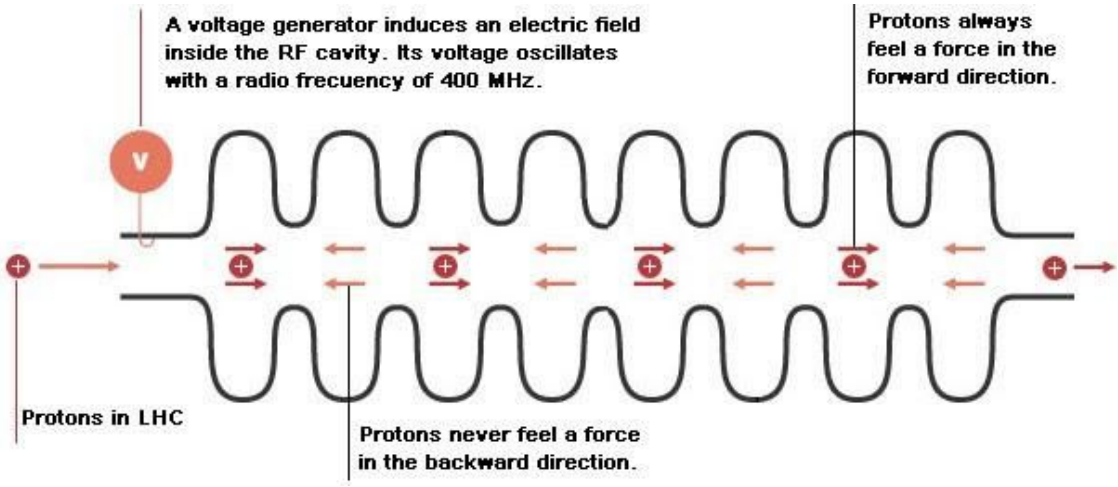
(9.11677703e-8 kg) * (1.5 / tau) = 2.17647019e-8 kilograms

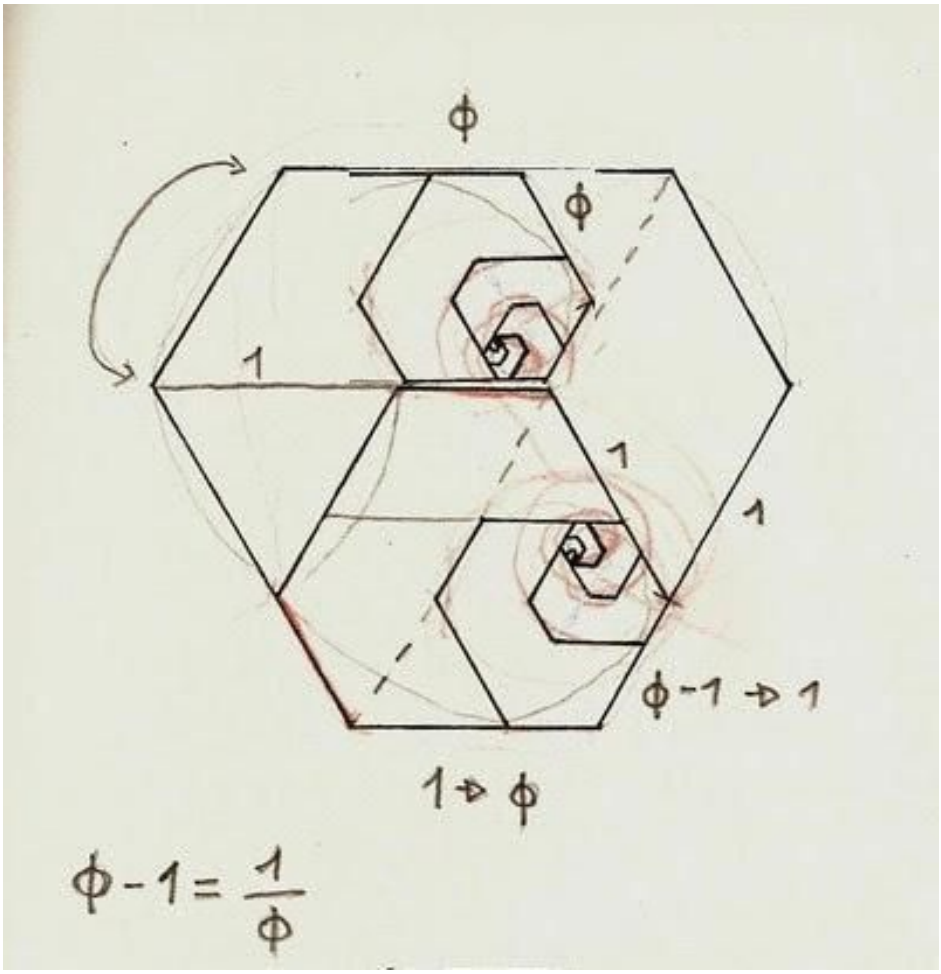
(1.5 / tau) / 2.17647019e-8 = 10968788.6255

1.61803398875




for Fibonacci numbers F
for Fibonacci numbers F
φ ≈ 1.618
φ ≈ 1.618


A voltage generator induces an electric field inside the RF cavity. Its voltage oscillates with a radio frecuency of 400 MHz.
Protons always feel a force in the forward direction.
V
Protons in LHC
Protons never feel a force in the backward direction.



$$\phi - 1 = \frac{1}{\phi}$$

((40pi * (433494437/54870469331 *137))-136)^0.125 +137 = 137.571576236

(54870469331 / (40pi)) / 433494437 = 1.00726856892

((1.00726856892^0.5) * 10) + 137 - 10 = 137.036277043