The explanation of the gravitational constant

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1. Description of the variables

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F = \text{force in [ N] ( Newtons)}
I = \text{Stromsrärke in [A] ( amps)}
Q = \text{charge in [C] ( Coulomb )}
t = \text{time [s] (seconds )}
p = \text{Pulse [kg * m / s]}
m = \text{mass in [kg] (kg)}
v = \text{velocity [m / s]}
r = \text{radius in m ( meters)}
?0 = \text{the permittivity of free space}
? = \text{the circle constant }, ? = 3.14159
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2. Comparison between new and old amps Definiton

Old ampere definition :

The unit 1 ampere is that of a time-invariant electric current, parallel, spaced by two vacuum 1 meter apart, straight infinitely long conductor of negligible cross section flowing between these conductors each a meter of length electrodynamic force equal to $2 \cdot 10^{-7}$ Newton would cause. New ampere definition :

 $1N = 1 * kg * m * s^{-2} \text{ or } 1 kg m / s^{2}$

 $1A = 2 \times 10^{-7} N * \text{ or } 2 * 10^{-7} \text{ kg m / s}^2$

That's all. Nothing more.

3. Establishment of a new fundamental constant

The number $2 \cdot 10^{-7}$ is a Dimensonslose constant of nature . All other fundamental constants have this constant of nature (the so-called . TORIC- constant of nature) included .

4. Impact on Gravitationstherie

It is my premise , according to the new definition amp that the current is equal to the TORIC -Naturkonstante * force.

 $I = 2 \cdot 10^{-7} * F \text{ or } 1A = 2 \times 10^{-7} N *$

since A is current charge per time or force is equal pulse per period, the following applies:

I = Q / t and F = p / t

So we have the result : Q is the charge TORIC - Nature constant * pulse and pulse again mass times velocity . Q = $2 \cdot 10^{-7}$ p respectively . Q = $2 \cdot 10^{-7}$ m * v because p = m * v . Or C = $2 \cdot 10^{-7}$ kg * m / s

Unification of gravitation and electromagnetism by the Association of Coulomb's law and law of gravity.

 $F = k0 * Q1*Q2 /r^2$ where k0 = 1 / 4 * ? * ?0 or 8.987552 * N * 10^9 m^2/C^2

is calculated as follows :

 $F = 8.987552 * N * 10^{9} m^{2}/C^{2} * Q1*Q2/r^{2}$

the law of gravitation, we have:

 $F = G * m1 * m2 / r^2$ where $G = 6.673 * 10^{-11} N * m^2 / kg^2$

now when I use my premise in the formula of Coulomb I get the law of gravity :

 $F = 8.987552 * N * 10^{9} m^{2}/C^{2} * Q1*Q2/r^{2}$

It is $Q1 = 2 \cdot 10^{-7} \text{ m1} * \text{v}$ and $Q2 = 2 \cdot 10^{-7} \text{ m2} * \text{v}$

 $F = 8.987552*10^{9*} N*m^{2}/C^{2} * 2 \times 10^{-7} *m1*v * 2 \times 10^{-7} m2*v /r^{2}$

we are still running for F on the left $F = I/2 \times 10^{-7}$ Then we have:

 $I/2 \times 10^{\text{--}7} = 8.987552 * 10^{\text{-}9} N*m^{\text{-}2}/C^{\text{-}2} * 2 \times 10^{\text{--}7}m1*v * 2 \times 10^{\text{--}7}m2*v/r^{\text{-}2}$

if we have this whole long formula with 2×10^{-7} times take (on the left and on the right), we obtain :

 $I = 8.987552 * 10^{9} N*m^{2}/C^{2} * 2 \times 10^{-7} m1*v * 2 \times 10^{-7} m2*v/r^{2} * 2 \times 10^{-7}$

if we sort we get : $I = 8.987552*10^{\circ}9*2*10^{\circ}-7*2*10^{\circ}-7*2\times10^{\circ}-7 N*m^{\circ}2/C^{\circ}2*v*v and m1*m2/r^{\circ}2$ $I = 7.12 \times 10^{\circ}-11 N*m^{\circ}2/C^{\circ}2*v*2*m1*m2/r^{\circ}2$ and $v^{\circ}2 = C^{\circ}2/kg^{\circ}2 N*m^{\circ}2/C^{\circ}2*C^{\circ}2/kg^{\circ}2 = N*m^{\circ}2/kg^{\circ}2$ in units ; $A = 7.12 \times 10^{\circ}-11 N*m^{\circ}2/C^{\circ}2*C^{\circ}2/kg^{\circ}2 = N*m^{\circ}2/kg^{\circ}2*m1*m2/r^{\circ}2$ $A = G*m1*m2/r^{\circ}2$ we also get : $I = 7.12 \times 10^{\circ}-11 N \cdot m^{\circ}2/c^{\circ}2*C^{\circ}2/kg^{\circ}2 = N*m^{\circ}2/kg^{\circ}2*m1*m2/r^{\circ}2$

I = G * m1 * m2 / r2

If this formula is correct, is therefore no gravitational force gravitational But only a current. If Newton wrong!

Albert Einstein There are also the gravitational constant G in its formula :

G?? = k * T??

where G?? the so-called Einstein tensor, which to some extent represents the curvature of space- time undT?? is called the energy-momentum tensor of the curved space-time.

In tensors are not interressieren us first because we want was not compute the space-time, but the constant k by which both the gravitational constant and the speed of light contains .

Si e is: $k = 8? * G / c^4$ or $8? * 6.7 * 10^{-11} / 2997924584$ The result is: 2. 084 643 763 * 10^-43 I use my G - formula I get:

8.987552 * N * 10^9 m2 / C^2 * 2 * 2 · 10^-7 · 10^-7 * 2 × 10^-7

= $1/4? ?0 (2 \times 10^{-7})^{3}$ Since, therefore, is : k = 8? * $1/4? ?0 * (2 \times 10^{-7})^{3} /c^{4}$ cut out Pi and get c⁴ to the other side .

k * c^4 = 8? * 1/4? * $(2 \times 10^{-7})^{3}$ or k*c^4 = 1/?0 2*(2 × 10^{-7})^3 times ?0 follows : k * c^2 * c^2 * ?0 = 2*(2 \times 10^{-7})^3

 $1/?0 = c^2$

 $k = ?0 * 2*(2 \times 10^{-7})^{3} / c^{2} and 2? * 2 * 2 * 10^{-7} \cdot (2 \cdot 10^{-7})^{3} / c^{2}$

and the results about : 2.237115675 * 10^-43

So almost the same number .

With the formula Q / m = $2 * 10^{-7}$ v Have yourself available other natural constant explain , ideal for v = c and c = 299792458 m / s.

 $Q/m = (2 \cdot 10.7)^n * v$, ideal für n = 0, 1, 2, 3, 4, ...

1) Q / m = $(2 \cdot 10-7)^{0}$ * 299.792.458 m / s = 299.792.458 m / s 2) Q / m = $(2 \cdot 10-7)^{1}$ * 299.792.458 m / s = 59,9584916 3) Q / m = $(2 \cdot 10-7)^{2}$ * 299.792.458 m / s = 0,00001199169 4) Q / m = $(2 \cdot 10-7)^{3}$ * 299.792.458 m / s = 2,398339664 * 10^-12 5) Q / m = $(2 \cdot 10-7)^{4}$ * 299.792.458 m / s = 4,796679328 * 10^-19 6) F / m = $(2 \cdot 10-7)^{5}$ * 299.792.458 m / s = 9,593.358.656 * 10^-26 7) F / m = $(2 \cdot 10-7)^{6}$ * 299.792.458 m / s = 1,918671731 * 10^-32

2) Line is very reminiscent of the Verhälnis 360/2? (360/2? = 57.29577951)

3) This number seems to be unknown.

4) This figure provides the approximate value of the Compton wavelength of the electron. $2.4263102389 * 10^{-12}$

5) The 5. line lies in the proper sizes of the elementary charge or the Hartree energy. $(4.35974434(19) \cdot 10^{-18} J \text{ or } 1.602176565(35) \cdot 10^{-19} C)$

6) The proton or neutron mass is located in the vicinity of this order of magnitude. 7) Pretty much deviation from the plank 's constant or reduced- plank 's constant . Not to mention the magnetic constant $?0 = 2? * 2 \times 10^{-7}$