

## The question of the gravitational constant of orig. aa 135

Newton and later Einstein added the gravitational constant  $G$  to the equation of equivalence  $F(a) = F(g)$  .., ie to the equation "**Curve space-time**" =  $G$  . "**mass-mass**". Unfortunately, he also added dimensions to the constant number. Unfortunately, this is wrong. Because they both did it only and only in order to "fit" them, that is, to have the correct dimensional equality in the paper equation. The universe itself did not add any dimensions to the equation of gravity to that  $G$ -constant. (!) If physicists thought that dimensions do not belong to the gravitational constant in the real-universe, they would find out, and also find that they have a problem that something is not playing..., they would eventually have to think that matter is constructed- built from the dimensions of two quantities "Length" and "Time"  $a$ , and it was crazy, incredible for them. So they deceived themselves: they did a trick and added dimensions to the number  $G$ . And it was taken care of.

"**Curved space-time**" =  $G$ -number . "**Mass-matter**". But how did the universe do it? It is and will be the subject of research. ball-bundles and vibrate "without external forces - stimuli", by themselves. Vibration modes are then the reason for the diversity of elementary particles of matter. , they are not and cannot be "out of nothing", and that "nothing" vibrates in addition, but those elementary particles **are built from those dimensions of 3 + 3D space-time**. the principle of realization of material elements is curvature, wrapping-wrapping not of strings, but of dimensions of time and lengths into a wavepacket's

The general of relativity generally says ( free from mathematical formalism ): "crooked space-time = matter-mass". There is no dimensional  $G$ -constant in the universe. Only people had to add it to the equations on paper to fit the dimensional balance.

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Who is the author of the gravitational constant? Why did Newton assign dimensions to the gravitational constant? Why didn't Einstein figure out that the gravitational constant shouldn't have dimensions? What physical would be broken if the gravitational constant  $G$  did not have dimensions?

I want to offer physicists that  $F(a) = F(g) \rightarrow$  "spacetime" = "spacetime" ...

$$\frac{\alpha \cdot x_i^m \cdot \beta \cdot t_k^n}{\gamma \cdot x_a^d \cdot \delta \cdot t_b^h} = 1$$

Every average educated person can imagine space-time. And also such space-time, which can be said to be Euclidean flat, non-curved, totally straight .... Then the opposite extreme is: "infinitely crooked" space-time. Two extremes of extremes and ... and between them is just the state of variable curvature of space-time dimensions, which is called "gravity" on one side of the equation (I think the curvature will be "according to a parabola". I just can't make it mathematically). the "gravitational" **curvature** changes to the electromagnetic **curvature**,

which in turn turns into the **curvature** of the weak interaction, and then further into the **curvature** of the strong interaction ... and the **curvature of the dimensions** continues until ... until we reach a state called "plasma" ....; finally, a "boiling vacuum" appears, where pairs of particles are born ... and ... and we approach infinite curvature with that curvature of the dimensions  $\check{p}$  = space-time So: there is a scale of CURVENITY from zero to infinity on the table - what ?, no curvature, what?, no dimensions of two basic cosmic quantities "x" -length (has three dimensions ; *spaceon*) "t" -time (also has three dimensions ; *timeon*) So when " $\check{p}$ " = "is written  $\check{p}$  ", the reader should be aware that on the left side of the equation there may be a small number of dimensions "x" and "t" and on the right side of the equation very high after number of dimensions "x" and "t" (of course with the ability of dimensional equality of dimensions). E.g. [http://www.hypothesis-of-universe.com/docs/eb/eb\\_002.pdf](http://www.hypothesis-of-universe.com/docs/eb/eb_002.pdf) Those states of  $\check{p}$  with a high number of dimensions are mass formations, as the Universe presents them ... (simple are elementary particles in a two-character notation, they are to the number up to baryons for "x" up to six dimensions and "t" up to seven dimensions ... etc. interpretation elsewhere) Then conglomerates of these 25 basic particles .... multiplication of dimensions obviously. <http://www.hypothesis-of-universe.com/index.php?nav=ea> ; <http://www.hypothesis-of-universe.com/index.php?nav=c>

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