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Unification of Gravity and Electromagnetism

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A new beginning of this paper is the ideas on unified field theory ‘which is inspired by ideas on Quantum gravity.

This is the formula: 8pi is the Gamma at (5) dimensions ik tensor notation to phi which is the metric tensor and barred phi which is the covariant tensor using the partial derivative and it’s chain rule for both phi and barred phi . the first metric phi has the 2 order ik and the barred phi jk ; this equals Gamma (5) dimensions for both phi’s which is containing the phi tensor ij and barred phi jk order 2

Each one. _ minus Gamma (5) dimensions ik metric phi jk divided by 2.

This part now is developed from a paper in the bulliten journal and l have given the footnotes later on in the paper. L have been inspired (but not copied exactly) einsteins unified theory and General Relativities main equations for it has inspired me and a hve a proof of it in my notes . Now I write :

Given f(x)’ = G r/I,r f(x)’ G v/u,v g il/gjk = 1 Gr/s gravity attraction Gr/r,s electromagnetism force attraction

Gr/r,sgil/r + gjk/s = by scaling the vectors of force to equal = 0 Du,v = gil

Gamma k/ijk + Gamma k/(5) divided total by 3pi ; 3pi minus 5 – epi + 5 gives 10 dimensions Gravity Intergrals ; integral J ab/a minus integral J ab/2 = g ab minus gabR/2 ; with R being a Metric space in rubber sheet distortion of gravity . also G ab/a +Del Jab/a + 0 scaling vector force until equality of both forces. Del Jab = 4pi J ba/a ; Gamma Spaces of Gravity curvature discrete subgroups of Guv f(x) pi : Guv _ Gamma/Guv ; U contained Gamma/G is homogenous everywhere in gravity.

(G,Gaamaa) x-1 (G,Gamma) X/U =xH,vH)U . 4pi times (U/-U) del H =Hx G is a Lie group U is unipotrnt subgroup of G ; there is a U-invariant gravity attraction probability of graviton subgroup of G. also a graviton probability on Gamma/G is algebraic.

Proof of part of the equation of General Relativity ; Jab 8pi Jab/2 : del Jab/a taking an integral Jab del /2 = 2 del Rab –2 del delRab/2 The formulas cancels the 2 del from the right ;

Again l state clearer ; Rab –Del abR/2 – (R gab)/2. Which equals the right side of the General equation of Relaitivity . My proof of the right side of Einsteins field equation of General Relativity.

Here it is : Gamma u/uv + Gamma uv/u ; which is v being 2 and previous lower indice u = 1 Threrefore Gamma ik/1 minus Gamma ik/2 u=1 v=2 ; Again Gamma 1k/u minus Gamma ikv

With Gamma ik minus Gamma ik/a therefore the right side of the field equations

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Einstein

A aspect of Unified Field Theory using tensor calculus

Given ;X/D is a metric space with coordinate summation system . D(u,v) greater than or equal to. N(x,p) is an intersection not equql to empty space. The d/dx of Dir equals G r/i,r

Eg of Xgik equals gil/ gjk equals 1. Gr/r,s gil/r plus gjk/s equals 1.
D9a,b) equals Du,v equals Duv equals gil. Gamma k/ijk plus Gamma k/(5) divided by 3pi.

3pi plus (5) equals 14.42 minus 3pi –(5) equals (10) Dimensions.
The equation of Electromagnetirm Gamma ik times Gamma k/j – Gravity warp ofGamma ij Gamma k/(11)kk.

Using scaling of electromagnetism potential and gravity warp to follow the scaling of the 2 Forces. Finally Gamma pq = Gamma 13 is gravity warp and Gamma rs = Gamma 24

Electromagnetic potential , this is curvature scaling of the 2 forces ,

$$G12g34-g14g32 =0 \text{ QED}$$

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