SQT

Scale-invariant Quantum Theory

“ The ~~only~~ new game in town “

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° Summary in 8 graphs p. 7 - 15

Is there a common ancestor
for
GR, QM and EMR [& strong nuclear force] ?

The problem seems to me how one can formulate statements
about a discontinuum without calling upon a continuum…
…but we still lack the mathematical structure unfortunately.
How much have I already plagued myself in this way !

Albert Einstein [1916, Letter to H.W. Dällenbach]

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[In addition references to the scribd links are possible.]

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The key

A specific generalisation of GR by solving the rotating disc problem differently.

The strategy

The concept of the toy model in SQT came to life when we applied
the De Broglie matter wave constraint (no overlapping waves)
to a compressible medium of discrete units (size-varying quanta)
which reacts to the presence of a gravitational well.

That led to such a geometrical exactness, that we could show how Einstein's rotating disc
could hold contracting rods (quanta) not just radially BUT ALSO tangentially.
Call it a tangential or transverse gravitational redshift as a consequence if you will.
This new equal proportionality of circumference to radius (as #quanta)
prevents the disc from breaking, no curved surfaces needed anymore (!).
Using the equivalence principle, this feature now carries over into
the generalized performance of the gravitational field, and into other levels of scale.

From the map to the territory, cheating is difficult because the toy model is extremely
self-constraining, no curve-fitting, and no plethora of desired post-diction outcomes.

No time to read it all ?

Go straight to the slides on pages 7-15.
Assess for yourself the multi-functional characteristics
of one single unifying geometry, no curve-fitting involved.
The geometrical model stays exactly the same for every single one of the 6 characteristics.

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