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L.D. Edmonds,

I deeply apologize for my last posts and am very grateful to you for your last posts., where you pay my attention to really annoying fault in the <https://www.researchgate.net/publication/395113364> Planck scale informational physical model and fundamental problems in physics paper in section 6.2.1, which appeared regrettably in summer 2025, while before the text was correct.

This two clocks on different heights experiment, where **only Gravity impact** that slows clocks internal processes/tick rates is measured, was proposed in 2015 [see <https://www.researchgate.net/publication/277710038> The informational model - gravity a next experiment], where so is shown that this impact can be rather easily measured, and on RG rather numerous my posts are; where I wrote that the experiment can be made in a week with cost ~ \$200000; so, since, despite that the experiment, if the result will be in accordance with GR, would be more rigorous confirmation of the theory that all other confirmations, however isn't made officially, that looks as it was really made, but didn't confirm.

However in summer 2025 I thought that this is since the proposed experiment is wrong, and really it is very hard; and "corrected" the text; the experiment became very hard, but when I found that is nonetheless possible near Earth pole, "corrected" the paper. It seems it was too hot in the room in those days.

Now the correct version of the paper is in the URL above, and I again repeat that the experiment is rather low cost, etc., above; and if the result will be in accordance with PSIP model, that will be a next its successful experimental testing.

A few rather possibly non-superfluous notes else.

Since Earth gravity is weak, both, the GR and PSIP model are in accordance with Newton law, and when some small mass freely falls in the gravity field, its rest mass gravitational defect decreases intrinsic processes rate on value which is the same as in GR, i.e. in both cases that is g/c^2 [two times larger than in the paper Eq. (12) value]– see equation of a systems energy in the end of attached PDF, where the M and m kinetic energies E_k/c^2 are the mass defects.

However in static case the construction that fixes m acts on it, which acts oppositely to gravity, and so it looks as well reasonable to suggest that the whole system's mass defect is divided equally between M and m – what is suggested in the model/this experiment.

Besides let continue the "PSIP model accordance with experiment" posts series, in this case in cosmology.

- the model is in full accordance with experimental fact that dark matter particles aren't detected – the model it is shown that that is unreal, more see in <https://www.researchgate.net/publication/388922029> The informational physical model detection of dark matter particles

- the model is in full accordance with that the cosmological observations are in accordance with main cosmological principle that distribution of matter in Space is uniform and 4π isotropic, at that the older cosmological objects are observed on 4π periphery,

- while, if Big Bag hypothesis is true [and in PSIP model it is well scientifically grounded that it is true], the objects should be seen near some [Big Bag]. point This – real non-accordance of Big

Bang hypothetic with experiment happens in the mainstream because that the hypothesis – and everything – in the mainstream is considered in 4D spacetime with metrics (ict, X, Y, Z) , when, as that is rigorously shown in the model Mater's utmost universal "kinematical" – and so observable, spacetime has metrics $(c\tau, X, Y, Z, ct)$, etc., more see the first link, section 5 "Cosmology".

The post is long, so I repeat that I am very grateful to L.D. Edmonds, and

Cheers PDF PSIP_6_5_2.pdf

<https://www.researchgate.net/post/Does-a-gravitational-field-have-energy-density-like-an-electric-field/221> ***** ##-17-05-26, page 221

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The last Kurt Klingbeil - though looks as a typical some AI analysis of the last SS post, which didn't read the pointed in the analyzed SS post

<https://www.researchgate.net/publication/395113364> Planck scale informational physical model and fundamental problems in physics , really is rather strange.

In the link, including, it is written in section 6.2.1 Eq. (12) that at static the relative gravitational defect mass slowing of a body's in Earth gravity field intrinsic potesses $\delta\omega = GMh/r^2 c^2 = gh/2c^2$ [in the summer 2025 "correction" I "remembered" that $g = GM/r$], i.e. $\sim 5 \times 10^{-14}$ for $h = 1000\text{m}$, while the Lorent slowing difference because Earth rotation even on equator is $\sim 6 \times 10^{-17}$, i.e. is quite negligible.

At that the static case differs from a small mass, m , fall in that in this case its current mass defect is twice larger - again see equation of a systems energy E_s **in the end of attached PDF**, $E_s = p_M^2/2M + p_m^2/2m$, where the M and m kinetic energies E_k/c^2 are the mass defects, and the M 's/ m 's defects ration is $\sim m/M$, i.e. whole system's mass defect is in m , so its [PSIP model's] $\delta\omega = g/c^2$.

As that besides GPS satellites $\delta\omega$ was measured in quite evident static case - in Pound-Rebka experiments, where measured "gravitational time dilation" is equal to gh/c^2 ,

- while in the GPS satellites instead the evident support construction in the experiments above that acts on Fe-57 nuclei oppositely to gravity, oppositely to gravity the centrifugal force acts.

The post is long, so now

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So let's continue.

Besides [to the post above]: this

"...In standard SR this comes from the Lorentz factor: $\Delta t = \Delta t_0/\gamma \approx \Delta t_0(1 - v^2/2c^2)$ $\Delta t = \Delta t_0/\gamma \approx \Delta t_0(1 - v^2/2c^2)$. In the PSIP model, Shevchenko explicitly rejects SR and the Minkowski spacetime metric (ict, X, Y, Z) replacing it with $(c\tau, X, Y, Z, ct)$. He claims SR time dilation is an artefact of using the wrong spacetime metric. But he provides no alternative equation for how moving clocks slow down in his framework for orbital velocities."

- looks as too strange at all. In the pointed SS post the Matter's spacetime **metrics** relates to cosmology, and by no means to the SR kinematic "time dilation" problem.

Though the metrics indeed is fundamentally important in kinematics as well; **really absolutely fundamentally cannot be any "time dilations"**, while:

- why and how in moving in **absolute 3D space** particles [bides..] intrinsic processes are **really slowed** [and lengths are **really contracted** along the motion direction], and why so the **measured in moving reference frames values** of the slowing /"time dilation" and length/ "space" contraction values, despite that are unreal, are, nonetheless, adequate to the reality,

- all this above is rigorously explained in other SS posts, in details in <https://www.researchgate.net/publication/391209088> **The Informational Conception and Basic Physics** :

- the processes are really slowed [in Lorentz factor] since at motion in 3DXYZ space 4D particles-algorithms are "diluted" by "blank" 3D space FLE flips; moving along X-axis in 4D space 4D **rigid** body/system of bodies really rotates in the (X, ct) plane, so its really experimentally observable 3DXYZ projection is really contracted in Lorentz factor, and the body's front end is "younger" than the back end on the Voigt-Lorentz decrement $-Vx/c^2$. All the above is by Pythagoras theorem.

These real effects values, if are measured in moving with unknown now velocities in 3DXYZ space IRFs, despite that are unreal, are adequate to the reality since Lorentz transformations form the Poincaré group, and so the IRFs are traceable to each other, including to absolute frames;

- **while all this above by no means requires postulating that the absolute Matter's spacetime doesn't exist..**

Etc., more see SS posts above and links in the posts.

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Hmmm.....3 days passed from last SS posts in the thread, but no new [ps://www.perplexity.ai/search/6bccdd2c1-15ed-4350-93ec-018ade12d2dd](https://www.perplexity.ai/search/6bccdd2c1-15ed-4350-93ec-018ade12d2dd) analyses appeared in it. Seems Kurt doesn't address to perplexity.ai since doesn't want to break her virginal ignorance about the SS&VT "The Information as Absolute" conception and PSIP model and the belief that everything written in mainstream pop-scientific sources, textbooks, and publications of promoted by pop-science "outstanding breakthroughs" is absolutely true.

Though this AI isn't some exclusion, any mention about the conception, model, and authors are absentee in pop-science,

- and so really in all free access AIs; which so know only transcendent/fantastic mainstream physics "understanding" about what are "Matter", "Consciousness", "Space", "Time", "Energy", "Information", etc.,

- and so what is everything in Matter, i.e. "particles", "fundamental Nature forces" - and so "fields", etc.

- and this “understanding” is basic postulates in mainstream theories.

Though yeah, if AIs will know what are the conception and model – while till now the SS&VT model is initial, and so is non-applicable directly in many concrete cases in practice, in concrete cases the AIs will “froze”, when now they answer in mcs.

However that above relates only to free access AIs. Special - and well more mighty – AIs, which are now used by some authoritative physicists groups, don’t froze,

- and so now well possibly some more comprehensive theories already exist, indicated in the model basic points in Planck scale physics are developed more in detail in which; but to publish this as something that is really ultimately fundamental is necessary to liquidate real authors.

However, despite attempts of some people group in Kyiv to solve the “incorrectly alive real, but incorrect, authors, while what is in the conception and model must have correct authors” problem,

- the real authors are till now alive, and so the free access AIs don’t suspect about Pkanck scale physics existence.

Cheers

<https://www.researchgate.net/post/Does-a-gravitational-field-have-energy-density-like-an-electric-field/222> ***** ##-22-05-26, page 222