

Steve,
Answers below.

1) - " $\sigma/(\omega\epsilon)$ " will be $\gg 1$ doesn't mean a "strong damping condition" . On the contrary, this condition is usual in practice for good conductors (as we know from electromagnetism) . The linear Maxwell EM wave equation used in the theory is (yes) suitable because the fields in question aren't strong (This is well-known , see for example the "bible" *Teorie du Champ* , L.Landau and Lifchiz , Ed. MIR , Moscow.). Below is a comment from a colleague of the Imperial College.

" Yes, I find your paper very interesting on first glance, in particular the mass reduction you derive for an external electromagnetic field U and which coincides nicely with the energy reduction I derived on the basis of the photon absorption model (quant-ph/9805061)."

2) - IF the absorbed EM energy by a particle is great-great than the inertial energy of the particle itself (mc^2). As you can see in the abstract of the paper "... such conditions can have occurred in the initial Universe..." ,i.e., this is a VERY PARTICULAR CONDITION which probably has been occurred in the Initial Universe. This way , isn't " funny for him to say that under this circumstances he reached a unified field of gravity and EM! ".

By the way , below a transcription of a e-mail from a Nobel Prize recipient:

"I have just read your interesting paper on the screen of my computer. It is indeed v. interesting what you write concerning the relation between inertial and gravitational masses. I hold this opinion for a long time now that the last word on the m_i and m_g relation is not spoken yet. My point was that the equality of masses is just a large N limit (a limit of an infinite number of constituents). or what is called in condensed matter physics 'mean field' regimes, there should be fluctuations from the mean and the effect should be observable in principle, if not directly.

Right now one might agree with Feynman point of view from some 40 years ago, that one can simply 'derive' GRT from another set of assumptions and let the universality of free fall be derived and valid only in some limit..."

Steve, 86 scientists from Physics Department of the most importance Universities of the World studied the paper .All equations and deductions were analyzed .All are correct ,rigorously inside the Physics.

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