

Abstract Submitted
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The Infinities in QED May Be Due to the Point: General Relativity May Provide the Resolution With Local Lorentz Frames 2 DOUGLAS SNYDER, None — With regard to the infinities in quantum electrodynamics, most think the math is exact and the physics is approximate, but perhaps the physics is exact and the math is approximate. With a correct view of spacetime as comprised of local Lorentz frames which are the fundamental components of general relativity, we may have discrete units at the core of spacetime instead of infinitesimal points. General relativity may also provide the connection between electromagnetism and gravity since the establishment of spacetime in local Lorentz frames is founded on the motion of light (as seen in the relativity of simultaneity in different inertial reference frames in uniform translational motion relative to one another in special relativity). If correct, it is possible that the infinities in qed may be able to be eliminated without renormalization.

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None

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