Replacing The General Covariance In the SM Dirac Equation Gauge Derivatives With An Equivalent General Covariance In The Metric That This Dirac Equation is Derived From JOEL MAKER — We replace the general covariance in the gauge derivatives in the Standard Model (SM) with a general covariance in the *original* metric that is used to start the derivation of the SM Dirac equation. This puts in the general covariance at the very beginning of the Dirac equation derivation, *where it belongs*. The result is a new Dirac equation ($\sqrt{g_{\mu\mu}}\gamma_\mu\partial\psi/\partial x_\mu + i\omega\psi = 0$ with $g_{oo} = 1\text{-}2e^2/\mathrm{r}m_e c^2$) that does not require the covariant gauge derivatives anymore but yet still *retains* the general covariance creating a **ONE** free parameter theory, instead of 18 of the SM. For example this new Dirac equation has a singularity-stability radius r_H and, because of equivalence principle considerations, is allowed only *one* type of charge e. Thus near r_H the $2P_{3/2}$ state for this new Dirac equation gives a $\psi^{tt}\psi$ azimuthal trifolium, 3 lobe shape; so this ONE charge e (so don't need **color** to guarantee this) spends **1/3** of its time in each lobe (**fractionally charged** lobes), the lobe structure is locked into the center of mass (**asymptotic freedom**), there are **six** 2P states (corresponding to the 6 flavors) ; which are the **main properties of quarks**! Thus we end up with the experimental implications of the Standard Model (SM) by postulating just ONE particle with mass.

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