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1. relies on strong form of GCI (General Coordinate Invariance) implying identification of particle as partonic 2-surface or collection of them.
2. predicts that partonic 2-surfaces carry Kähler magnetic charges guaranteeing their stability. This implies that
 - (a) particle basically corresponds to a throat of wormhole contact through which magnetic flux flows to second space-time sheet.
 - (b) the presence of also other wormhole contact since otherwise magnetic flux lines would not be closed. This contact is connected to the first one by monopole flux tubes at both space-time sheets (for which "topological light rays" are natural candidates) and defining close string like object.
3. implies that the genus for the throat carrying fermionic quantum numbers explains family replication phenomenon for fermions if the explanation for why only 3 lowest genera are light relying on the notion of hyper-ellipticity is correct
4. assumes that spinor modes have well-defined em charge requiring that all modes except covariantly constant right handed neutrino are localized at string world sheets and partonic 2surfaces allowing to assign to elementary particle a closed string and string world sheets.
5. explains known quantum numbers in terms of $M^4 \times CP_2$ geometry and topology and predicts several deviations from standard model.