## Abstract Submitted for the APR07 Meeting of The American Physical Society

General Relativistic Calculation of a Fermion Mass Spectrum. JOSEPH D. RUDMIN, James Madison University — The masses of the electron, muon, and tauon are calculated from field energies, by extrapolation of Parker Sochacki expansions, in a general relativistic model, using an isotropic metric. The only parameter is weak charge, which is constrained to be the same for all three fermions.

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