

The Triune Universe's Falsify-Me Abstract Collection No. 22

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Triune Falsify-Me Abstract 22

1. 22. **Galaxy Rotation Curves in a Triune Field**

We compute circular-velocity profiles in disk galaxies under a triune gravitational potential where binding, structuring, and chasing contributions have different radial dependence. A simple parameterization of the triune weights as functions of local density and curvature can generate flat rotation curves without invoking arbitrary halo profiles. The prediction: correlations between triune parameters and baryonic surface density that differ from standard dark matter halo models. Falsification: high-resolution kinematic surveys show no such correlations and instead favor classic halo fitting functions.