**General Unified Theory of Fundamental Forces through Logarithmic Bending of Space-Time**

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This Research is aimed at describing a common phenomena for the existence of all 4 fundamental forces in the universe. The common phenomena described is a smoother-logorithmic bending of space time in different ways.

This logarithmic bending theory is supported by the visualisation of space time, that it's bending may be logarithmic. The bosons according to this can not make a semi-logarithmic force. Hence by describing a common phenomena for all forces, this research unifies the forces into one model.

In this research, the data from observations, such as galactic rotational curves and compares that with the predictions of the equations of this force, to prove the equations and the model.

This research is significant because the problem of the 3 forces, electromagnetic force, strong and weak nuclear forces, not unifying with gravity has persisted since a long time.

Until now, a big finding is that by simulations, the equation for gravity (modified Einstein Field Equation), when defined as a force which slightly increases (according to the semi logarithmic graph), can explain the phenomena of galactic rotation curves without the need of extra matter which we define as dark matter, hence explaining a major problem which has persisted for a long time. The second finding is according to the same gravitational model, the force weakens slightly at short ranges and hence prohibits the formation of singularities with infinite curvature, solving another problem of infinite curvature of singularities.

In conclusion, this research helps us unify all 4 fundamental forces in nature and solve many of the existing problems.