

Failure of Mathematical Theory to Explain the Sun's Extreme Roundness

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Abstract: Current mathematical theories have failed to explain why the Sun is observed to be extremely round. An explanation is provided of why the current mathematical theories explaining the Sun's extreme roundness have failed.

The Sun has been measured to be extremely round, much rounder than what current mathematical theories predict. Their main assumption is that gravity is spacetime warping caused by mass. According to mathematical theory of spacetime warping the Sun should contain roughly 330,000 times the mass of the Earth. This extreme mass should leave the Sun as an oblate spheroid because it has rotational velocity at the equator of $7.189 * 10^3$ km/h. The velocity of its rotation added to the extreme mass of the Sun should make it bulge on the sides where rotational inertia is the greatest. This is not measured, therefore many different conclusions be made concerning the mass/causes mass of the Sun.

1. The Sun's mass is not 330,000 times the Earth, it is vastly less massive.
2. The Sun's measured gravitational effects are not caused by mass
3. The causes of mass are not actually understood.
4. Electromagnetic forcing of plasma keeps the Sun round, not gravitation.