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Solving the puzzle of galaxy rotation with a gravitomagnetic form of Newton's Law.

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Abstract content
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For the past two decades dark matter has been hypothesized to solve the puzzle of the orbital velocities of galaxies. We derive a form of Newton's law of gravitation similar to the Lorentz force of electromagnetism, i.e. a gravitomagnetic form. This form gives the observed curve of the orbital velocity of a galaxy against its distance from its centre.

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