## THE PHYSICAL VARIABLES

$$G = \frac{\lambda^{3} v^{2}}{2\pi M} \qquad h = m \lambda^{2} v$$

$$\varepsilon = \frac{q^{2}}{2m \lambda^{3} v^{2}} \qquad \mu = \frac{2m \lambda}{q^{2}}$$

$$F_{g} = G \frac{M m}{r^{2}} = \frac{\lambda^{3} v^{2}}{2\pi M} \frac{M m 4\pi^{2}}{\lambda^{2}} = 2\pi m \lambda v^{2}$$

$$\lambda = 2\pi r \qquad r^{2} = \frac{\lambda^{2}}{4\pi^{2}}$$

$$F_{e} = \frac{1}{4\pi\varepsilon_{0}} \frac{q_{1}q_{2}}{r^{2}} = \frac{2m \lambda^{3} v^{2}}{4\pi q_{1}q_{2}} \frac{4\pi^{2} q_{1}q_{2}}{\lambda^{2}} = 2\pi m \lambda v^{2}$$

Newton's Law is identical to Coulomb's Law, therefore Gravity is Electromagnetic.

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