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1 14. Gravitation Universal Law Of Gravitation (Newton)

14. Gravitation Universal Law Of Gravitation (Newton): The Attractive Force Between Two Particles: $F = G \frac{M_1 m_2}{R^2}$ Where $G = 6.67 \times 10^{-11} \text{ N} \cdot \text{m}^2 / \text{Kg}^2$ Is The Universal Gravitational Constant. M_1 F M_2 F 1 2 R • Particle #1 Feels A Pull Toward Particle Mar 1th, 2024

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"Spacetime And Geometry" By Sean Carroll. Additional References You Might Find Useful And Interesting (of Various Levels)
• "A First Course In General Relativity" By Bernard Schutz • "General Relativity: An Introduction For Physicists" By A. Lasenby, G. P. Efstathiou And M. P. Hobson (compare)
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Cosmology And 21st-Century Culture Nancy Ellen Abrams And Joel R. Primack Nancy Ellen Abrams Is A Lawyer, Writer, And Performance Artist, And Her Husband Joel R. Primack Is A Professor Of Physics At The University Of California, Santa Cruz.They Have Been Teaching A Course At UCSC On Cosmology And Culture For 6 Years. Primack Feb 4th, 2024

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