

# Engineering Mechanics: Dynamics

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- **Newton's law of gravitation**

$$F = G \frac{m_1 m_2}{r^2}$$



- $F$  :: mutual force of attraction between two particles
- $G$  :: universal gravitational constant  
( $= 6.673 \times 10^{-11} \text{ m}^3/\text{kg s}^2$ )

# Engineering Mechanics Dynamics Lecture Notes

**Marcel A. Müller**



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