



I'm not robot



I am not robot!

Centre of Mass. Learn about the centre of mass, moment of inertia, and rotational motion of extended bodies with examples and formulas

SYSTEMS OF PARTICLES AND ROTATIONAL MOTION

Introduction
Centre of mass
Motion of centre of mass
Linear momentum of a system of particles
Vector product of two vectors
Angular velocity and its relation with linear velocity
Torque and angular momentum
Equilibrium of a rigid body

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Rotational Motion A rigid body performs a pure rotational motion, if each particle of the body moves in a circle, and the centre of all the circles lie on a straight line called the axes of rotation

Chapter System of Particles and Rotational Motion. Read and download NCERT Class Physics Part Systems Of Particles and Rotational Motion in NCERT book for Class Physics. The only motion that was thought to be possible for celestial objects was motion in a circle

Download PDF of NCERT Solutions for Class Physics Chapter System of Particles and Rotational Motion. You can download latest NCERT SYSTEM OF PARTICLES AND ROTATIONAL MOTION. By applying (a) For a general rotational motion, angular momentum L and angular velocity ω need not be parallel. (b) For a rotational motion about a fixed axis, angular momentum NCERT Solutions for Class Physics. Centre of mass of a system is the point that behaves as whole mass of the system is concentrated at it

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The earliest recorded model for planetary motions proposed by Ptolemy about years ago was a 'geocentric' model in which all celestial objects, stars, the sun and the planets, all revolved around the earth.