



Theoretical Mechanics basic tutorial

By LU SHENG ZHI

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 330 Publisher: Beijing Normal University Press Pub. Date :2004-1-1. This book includes particle kinematics. rigid body kinematics. particle dynamics. nonlinear vibrations. non-inertial particle mechanics. the regular equations. rigid body dynamics. 11 vertex chapter. Contents: Chapter particle kinematics 1-1 describe the particle motion vector description of 1-2 with the Cartesian coordinate plane particle motion described in 1-3 polar particle motion described in 1-4 of the cylindrical coordinates of the spherical coordinates. the particle motion Description 1-5 describe particle motion in natural coordinates thinking questions Exercises Chapter rigid rigid-body kinematics of 2-1 of the translational and rotational rigid body 2-2 rigid body fixed axis angular velocity of the planar rigid body concept 2-3 parallel to the fixed rigid body motion 2-4 2-5 free movement of general rigid body motion 2-6 that the angular displacement is the vector of infinitesimal thinking questions Exercises Chapter particle dynamics 3-1 3-2 Newton's law of motion of the particle motion differential equations 3-3 particle momentum theorem and the momentum conservation law 3-4 particle angular momentum and angular momentum conservation law 3-5 particle kinetic energy...



READ ONLINE
[7.89 MB]

Reviews

It in one of the most popular publication. It really is writer in easy words and not difficult to understand. You are going to like how the author write this book.

-- Prof. Evans Balistreri DDS

Completely essential go through book. This is for all who statte there had not been a worthy of reading through. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Lydia Legros