



Textbook of Dynamics

Kaushal Kumar Singh

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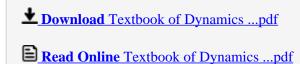
Textbook of Dynamics Kaushal Kumar Singh

This textbook is designed for the undergraduate students (B.A./B.Sc.) of mathematics for a course in dynamics. It conforms to the course curriculum prescribed by UGC. The book will also be useful to the undergraduate engineering students for a course in engineering mechanics.

The book presents the principle of kinematics describing the geometrical aspects of the motion of particles. It discusses the rectilinear motion with uniform and variable accelerations, the motion of a projectile in a vertical plane neglecting the air resistance, and the motion of a particle in resisting medium. The concepts of work, energy, power and impulse, impact of bodies, circular and cycloidal motions of a particle, motion of a particle under central forces, moments and products of inertia of different bodies, and motion of bodies with varying mass have been discussed in detail. In addition, the book describes the motion of a particle in three dimensions.

KEY FEATURES

- Presents each concept systematically.
- Provides a good number of well-graded solved examples and a set of unsolved exercises selected from the examination papers of different universities.
- Follows an easy-to-understand methodology in solving problems.
- Gives answers to problems to help the students verify their solutions.



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Kevin Primeaux:

Now a day folks who Living in the era just where everything reachable by match the internet and the resources within it can be true or not involve people to be aware of each info they get. How a lot more to be smart in receiving any information nowadays? Of course the answer then is reading a book. Reading through a book can help persons out of this uncertainty Information specifically this Textbook of Dynamics book as this book offers you rich facts and knowledge. Of course the details in this book hundred % guarantees there is no doubt in it everbody knows.

Katherine Clark:

A lot of people always spent all their free time to vacation or even go to the outside with them family or their friend. Did you know? Many a lot of people spent they will free time just watching TV, or perhaps playing video games all day long. If you wish to try to find a new activity that is look different you can read a new book. It is really fun in your case. If you enjoy the book that you read you can spent the whole day to reading a book. The book Textbook of Dynamics it is rather good to read. There are a lot of individuals who recommended this book. They were enjoying reading this book. In case you did not have enough space bringing this book you can buy often the e-book. You can m0ore simply to read this book from your smart phone. The price is not to cover but this book offers high quality.

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