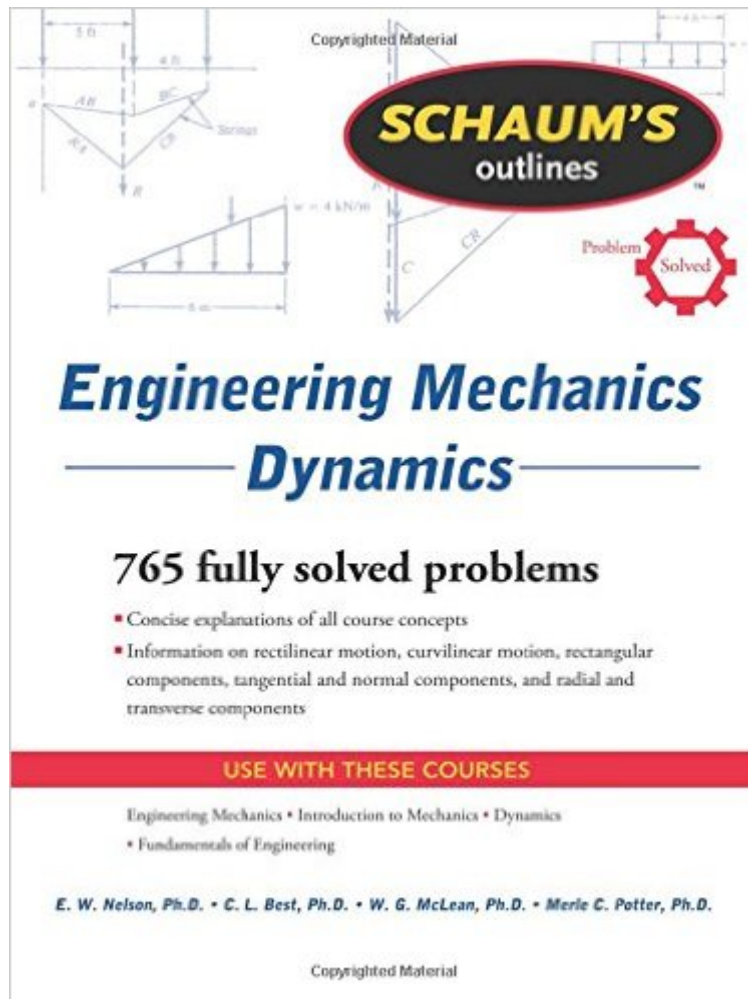


The book was found

# Schaum's Outline Of Engineering Mechanics Dynamics (Schaum's Outlines)



## Synopsis

Study faster, learn better, and get top grades Modified to conform to the current curriculum, Schaum's Outline of Engineering Mechanics: Dynamics complements these courses in scope and sequence to help you understand its basic concepts. The book offers extra practice on topics such as rectilinear motion, curvilinear motion, rectangular components, tangential and normal components, and radial and transverse components. You'll also get coverage on acceleration, D'Alembert's Principle, plane of a rigid body, and rotation. Appropriate for the following courses: Engineering Mechanics; Introduction to Mechanics; Dynamics; Fundamentals of Engineering. Features: 765 solved problems Additional material on instantaneous axis of rotation and Coriolis' Acceleration Support for all the major textbooks for dynamics courses Topics include: Kinematics of a Particle, Kinetics of a Particle, Kinematics of a Rigid Body, Kinetics of a Rigid Body, Work and Energy, Impulse and Momentum, Mechanical Vibrations

## Book Information

Series: Schaum's Outlines

Paperback: 312 pages

Publisher: McGraw-Hill Education; 1 edition (August 31, 2010)

Language: English

ISBN-10: 0071713603

ISBN-13: 978-0071713603

Product Dimensions: 8.3 x 0.5 x 10.8 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 4.1 out of 5 stars See all reviews (14 customer reviews)

Best Sellers Rank: #80,865 in Books (See Top 100 in Books) #42 in Books > Science & Math > Physics > Dynamics #56 in Books > Textbooks > Science & Mathematics > Mechanics #93 in Books > Textbooks > Engineering > Mechanical Engineering

## Customer Reviews

The problems are an excellent scatter of many techniques and types. However, the solutions often go to numerical substitution much earlier in the algebraic process than I like. Usually in physics, the symbolic representations of values like mass, gravity, angular speed are left as "m", "g", and "omega" until the last step. This book tends to substitute 9.8 m/s<sup>2</sup> for gravity or the number value of a term right away. So the solution looks like disjoint algebra at the end.

The theory sections are nice overviews for undergraduate dynamics, but I find that the problems and solutions are not terribly insightful, and miss the bigger picture. This book will help you solve problems, but not necessarily the easiest way or the way that will lead you to a better fundamental understanding of dynamics.

I've used Schaum's Outline for my math and engineering courses. It's a Great Resource if you want to review Dynamics It provides practice problems and solutions.

THis book was very helpful, it adds a different prospective from what my teacher gave us.All of the worked problems help you see the steps taken to solve all the problems in the chapters.Overall great book

Very useful. A lot of problems and covers all the basics. You will definitively get a better grade in your class

GOOD BOOKS ON ENGINEERING & APPLIED DYNAMICS AT GOOD PRICE.

Complete steps to derivation of equations!Thanks

[Download to continue reading...](#)

Schaum's Outline of Engineering Mechanics Dynamics (Schaum's Outlines) Schaum's Outline of Fluid Mechanics and Hydraulics, 4th Edition (Schaum's Outlines) Schaum's Outline of Programming With Fortran 77 (Schaum's Outlines) Schaum's Outline of Strength of Materials, 6th Edition (Schaum's Outlines) Schaum's Outline of Basic Circuit Analysis, Second Edition (Schaum's Outlines) Schaum's Outline of Basic Electricity, Second Edition (Schaum's Outlines) Schaum's Outline of Optics (Schaum's Outlines) Schaum's Outline of Operations Research (Schaum's Outlines) Schaum's Outline of Geometry, 5th Edition: 665 Solved Problems + 25 Videos (Schaum's Outlines) Schaum's Outline of Basic Mathematics with Applications to Science and Technology, 2ed (Schaum's Outlines) Schaum's Outline of Microbiology, Second Edition (Schaum's Outlines) Schaum's Outline of Logic, Second Edition (Schaum's Outlines) Schaum's Outline of Organic Chemistry: 1,806 Solved Problems + 24 Videos (Schaum's Outlines) Schaum's Outline of Mathematics for Nurses (Schaum's Outlines) Schaum's Outline of Advanced Mathematics for Engineers and Scientists (Schaum's Outlines) Schaum's Outline of Calculus, 6th Edition: 1,105 Solved Problems + 30 Videos (Schaum's Outlines) Schaum's Outline of Fourier Analysis with

Applications to Boundary Value Problems (Schaum's Outlines) Schaum's Outline of Advanced Calculus, Third Edition (Schaum's Outlines) Schaum's Outline of Matrix Operations (Schaum's Outlines) Schaum's Outline of Precalculus, 3rd Edition: 738 Solved Problems + 30 Videos (Schaum's Outlines)

[Dmca](#)