

Engineering Mechanics: Dynamics | 2001 | Thomson Learning, 2001 | Andrew Pytel, Jaan Kiusalaas | 9781861526182

Engineering mechanics. Dynamics fourteenth edition. This page intentionally left blank. Engineering mechanics. Dynamics fourteenth edition. R. C. Hibbeler. Hoboken Boston Columbus San Francisco New York Indianapolis London Toronto Sydney Singapore Tokyo Montreal Dubai Madrid Hong Kong Mexico City Munich Paris Amsterdam Cape Town. The main purpose of this book is to provide the student with a clear and thorough presentation of the theory and application of engineering mechanics. To achieve this objective, this work has been shaped by the comments and suggestions of hundreds of reviewers in the teaching profession, as well as many of the author's students. Dynamics study pack Chapter reviews, free-body diagram workbook, Companion website. Engineering mechanics. Dynamics thirteenth edition. R. C. Hibbeler. No part of this book may be reproduced or transmitted in any form or by any means, without permission in writing from the publisher. Pearson Prentice Hall, is a trademark of Pearson Education, Inc. The author and publisher of this book have used their best efforts in preparing this book. Remember that in solving problems from engineering mechanics you are solving real practical problems and producing real data with physical significance. Thus, you are responsible for making sure your results are correct, consistent and well-presented. An access code for the Engineering Mechanics: Dynamics, Twelfth Edition website is included inside the Dynamics Study Pack. To redeem the code and gain access to the site, go to www.prenhall.com/hibbeler and follow the directions on the access code card. Access can also be purchased directly from the site. Dynamics Practice Problems Workbook. This workbook contains additional worked problems. The problems are partially solved and are designed to help guide students through difficult topics. 12th Edition. 2010. - 736 p, The book is divided into 11 chapters, in which the principles are applied first to simple, then to more complicated situations. The kinematics of a particle is discussed in Chapter 12, followed by a discussion of particle kinetics in Chapter 13 (Equation of Motion), Chapter 14 (Work and Energy), and Chapter 15 (Impulse and Momentum). The concepts of particle dynamics contained in these four chapters are then summarized in a "review" section, and the student is given the chance to identify and solve a variety of problems.