

Engineering Mechanics



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SAVES YOUR STUDENT MONEY! SAVES YOUR STUDENTS MONEY! * Provides a wide variety of high quality problems that are known for their accuracy, realism, applications, and variety. Students benefit from realistic applications that motivate their desire to learn and develop their problem solving skills. * Sample Problems with a worked solution step appear throughout providing examples and reinforcing important concepts and ideas in engineering mechanics * Introductory Problems are simple, uncomplicated problems designed to help students gain confidence with a new topic. These appear in the problem sets following the Sample Problems. * Representative Problems are more challenging than Introductory Problems but are of average difficulty and length. These appear in the problem sets following the Sample Problems. * Computer-Oriented Problems are marked with an icon and appear in the end-of-chapter Review Problems. * Review Problems appear at the end of chapter. * Offers comprehensive coverage of how to draw free body diagrams. Through text discussion and assignable homework problems students will learn that drawing free body diagrams is the most important skill needed to learn how to solve mechanics problems. Meriam and Kraige teach students the appropriate techniques and then apply them consistently in solutions of mechanics problems. * SI Units are covered. There are approximately two problems in SI units for every one in U.S. customary units.

A tradition of excellence. Since 1952 this text has been a primary source for accuracy, rigor, clarity and a high standard of illustration in the coverage of mechanics theory.

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