



## Engineering Mechanics Statics (Seventh Edition), Volume 1

By J.L. Meriam, L.G. Kraige

Wiley India Pvt. Ltd, 2013. Softcover. Book Condition: New. 5th or later edition. The 7th edition of this classic text continues to provide the same high quality material seen in previous editions. The text is extensively rewritten with updated prose for content clarity, superb new problems in new application areas, outstanding instruction on drawing free body diagrams and new electronic supplements to assist readers. Furthermore, this edition offers more Web-based problem solving to practice solving problems, with immediate feedback; computational mechanics booklets offer flexibility in introducing Matlab, Mathcad, and/or Maple into your mechanics classroom; electronic figures from the text to enhance lectures by pulling material from the text into PowerPoint or other lecture formats; 100+ additional electronic transparencies offer problem statements and fully worked solutions for use in lecture or as outside study tools. Chapter 1 Introduction to Statics 1/1 Mechanics 1/2 Basic Concepts 1/3 Scalars and Vectors 1/4 Newton`s Laws 1/5 Units 1/6 Law of Gravitation 1/7 Accuracy, Limits and Approximations 1/8 Problem Solving in Statics 1/9 Chapter Review Chapter 2 Force Systems 2/1 Introduction 2/2 Force Section A Two-Dimensional Force Systems 2/3 Rectangular Components 2/4 Moment 2/5 Couple 2/6 Resultants Section B Three-Dimensional Force Systems 2/7 Rectangular Components...



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