



Fundamentals of Machine Elements (3rd Revised edition)

By Steven R. Schmid, Bernard J. Hamrock, Bo O. Jacobson

Taylor & Francis Inc. Hardback. Condition: new. BRAND NEW, Fundamentals of Machine Elements (3rd Revised edition), Steven R. Schmid, Bernard J. Hamrock, Bo O. Jacobson, Fundamentals of Machine Elements, Third Edition offers an in-depth understanding of both the theory and application of machine elements. Design synthesis is carefully balanced with design analysis, an approach developed through the use of case studies, worked examples, and chapter problems that address all levels of learning taxonomies. Machine design is also linked to manufacturing processes, an element missing in many textbooks. The third edition signifies a major revision from the second edition. The contents have been greatly expanded and organized to benefit students of all levels in design synthesis and analysis approaches. What's New in This Edition: * Balances synthesis and analysis with strong coverage of modern design theory * Links coverage of mechanics and materials directly to earlier courses, with expansion to advanced topics in a straightforward manner * Aids students of all levels, and includes tie-in to engineering practice through the use of case studies that highlight practical uses of machine elements * Contains questions, qualitative problems, quantitative problems, and synthesis, design, and projects to address all levels of learning taxonomies *...



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