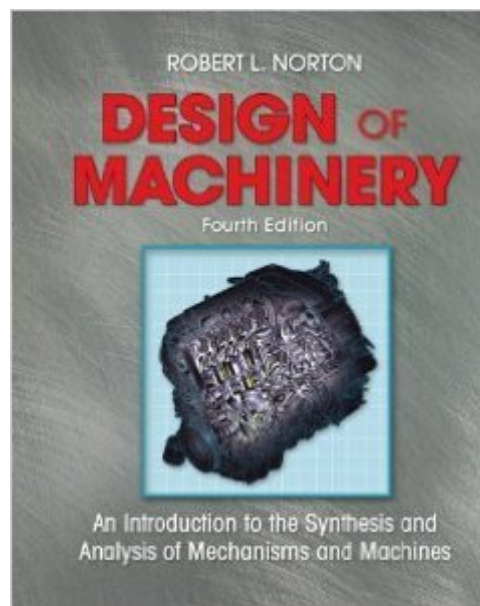


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Design Of Machinery: An Introduction To The Synthesis And Analysis Of Mechanisms And Machines



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Robert L. Norton's DESIGN OF MACHINERY, fourth edition, continues the tradition of this best-selling book through its balanced coverage of analysis and design and outstanding use of realistic engineering examples. Through its reader-friendly style of writing, clear exposition of complex topics, and emphasis on synthesis and design, the text succeeds in conveying the art of design as well as the use of modern tools needed for analysis of the kinematics and dynamics of machinery. Numerous two-color illustrations are used throughout to provide a visual approach to understanding mechanisms and machines. Analytical synthesis of linkages is covered, and cam design is given a more thorough, practical treatment than found in other texts. The fourth edition comes with a bound-in Student Resources DVD, with Norton's own student-version programs, a customized version of Working Model software and accompanying simulations and movie clips (by Sid Wang, North Carolina A&T University), and numerous instructional and industry-related videos. A website with additional instructor and student resources is available as well.

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