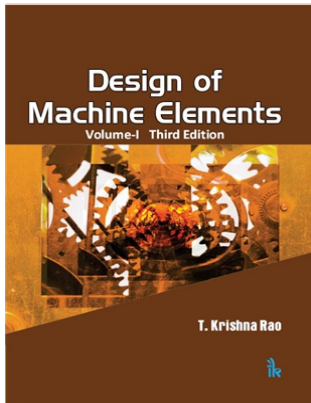


Design of Machine Elements (Volume-I), 3/e

Dr. T Krishna Rao



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About the Book

Design of Machine Elements (Volume 1) is based on the syllabus for B.E./B. Tech courses. It is important for the designers to identify the types of loads, materials properties, safety requirements and failure modes for a particular situation. In addition to this, the book thoroughly illustrates the cases of various problems of design of machine elements. Variety of problems both with practical relevance and various examinations have been solved and presented in a simple and systematic way. This helps the students to understand and learn the subject with ease.

Salient Features

Concise and compact, covering all the major important topics.
Hints and notes wherever required for easy understanding.
Simple language and explanations to facilitate easy understanding even by average students.
Step-by-step approach in solving different types of problems

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 2. Theories of Failure
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About the Author

Dr. T Krishna Rao :- graduated in Mechanical Engineering in 1976. He obtained his Master's Degree from IIT-Madras in 1979 and Ph.D from JNTU, Hyderabad in 2008. He obtained his M.B.A., from Bangalore University in 1987. He has mixed experience of both industry and teaching. He had worked in Design Department of HMT Machine Tools Limited, Bangalore, for about 24 years before taking up teaching. He has 20 years of teaching experience in various positions as Professor, Professor and Head and Principal in engineering colleges. Presently he is working as Professor and Head, Department of Mechanical Engineering, Global Academy of Technology, Bangalore. He has authored textbooks - Design of Machine Elements (part-1 and Part-2) and co-authored- Management and Entrepreneurship and Operations Research.