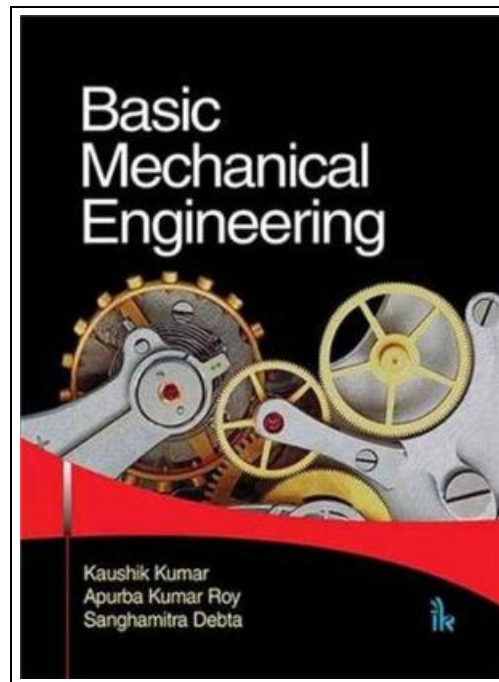


Basic Mechanical Engineering (Paperback)



Filesize: 8.49 MB

Reviews

I actually started out reading this article publication. It is loaded with knowledge and wisdom Your way of life span is going to be transform as soon as you total reading this article pdf.

(Mrs. Felicia Windler)

BASIC MECHANICAL ENGINEERING (PAPERBACK)

[DOWNLOAD](#)

To read **Basic Mechanical Engineering (Paperback)** PDF, please click the hyperlink listed below and save the document or have access to additional information that are relevant to BASIC MECHANICAL ENGINEERING (PAPERBACK) book.

I K International Publishing House Pvt. Ltd, India, 2018. Paperback. Condition: New. Language: English. Brand new Book. The book starts with the law of forces, free-body diagrams, basic information on materials strength including stresses and strains. It further discusses principles of transmission of power and elementary designs of gears, spring, etc. This part concludes with mechanical vibrations, - their importance, types, isolation and critical speed. The second part, Thermal Engineering, deals with basics and laws of thermodynamics; pure substances and their properties. It further includes laws of heat transfer, insulation, and heat exchanges. This part concludes with a detailed discussion on refrigeration and air conditioning. Part three, Fluid Mechanics and Hydraulics, includes properties of fluids, measurement of pressure, Bernoulli's equation, hydraulic turbine, pumps and various other hydraulic devices. Part four, Manufacturing Technology, mainly deals with various manufacturing processes such as metal forming, casting, cutting, joining, welding, surface finishing and powder metallurgy. It further deals with conventional and non-conventional machining techniques, fluid power control and automation including hydraulic and pneumatic systems and automation of mechanical systems. Part five, Automobile Engineering deals with various aspects of IC and SI engines and their classification, etc. Four- and two-stroke engines also find place in this section. Next, systems in automobiles including suspension and power transmission systems, starting, ignition, charging and fuel injection systems. The last section deals with power plant engineering and energy. It includes power plant layout, surface condensers, steam generators, boilers and gas turbine plants. It concludes with renewable, non-renewable, conventional and non-conventional sources of energy, and energy conversion devices.

[Read Basic Mechanical Engineering \(Paperback\) Online](#)[Download PDF Basic Mechanical Engineering \(Paperback\)](#)

Other PDFs



[PDF] Perrine's Literature: Structure, Sound & Sense

Click the hyperlink listed below to read "Perrine's Literature: Structure, Sound & Sense" file.

[Save](#) [ePub](#)

»



[PDF] Writing with Hemingway: A Writer's Exercise Book (Paperback)

Click the hyperlink listed below to read "Writing with Hemingway: A Writer's Exercise Book (Paperback)" file.

[Save](#) [ePub](#)

»



[PDF] Unlock: Unlock Level 4 Listening and Speaking Skills Teacher's Book with DVD (Mixed media product)

Click the hyperlink listed below to read "Unlock: Unlock Level 4 Listening and Speaking Skills Teacher's Book with DVD (Mixed media product)" file.

[Save](#) [ePub](#)

»



[PDF] Ventures: Ventures Level 1 Value Pack (Student's Book with Audio CD and Workbook with Audio CD) (Mixed media product)

Click the hyperlink listed below to read "Ventures: Ventures Level 1 Value Pack (Student's Book with Audio CD and Workbook with Audio CD) (Mixed media product)" file.

[Save](#) [ePub](#)

»



[PDF] GED Full Study Guide: Test Preparation for All Subjects Including 4 Full Length Practice Tests Both in the Book + Online, with 1,300 Realistic Practice Test Questions Plus Online Flashcards (Paperback)

Click the hyperlink listed below to read "GED Full Study Guide: Test Preparation for All Subjects Including 4 Full Length Practice Tests Both in the Book + Online, with 1,300 Realistic Practice Test Questions Plus Online Flashcards (Paperback)" file.

[Save](#) [ePub](#)

»



[PDF] Genuine new book Essentials of Leadership: Principles and Practice (4th Edition) (U.S.) Shiliboge. (U.S.(Chinese Edition)

Click the hyperlink listed below to read "Genuine new book Essentials of Leadership: Principles and Practice (4th Edition) (U.S.) Shiliboge. (U.S.(Chinese Edition))" file.

[Save](#) [ePub](#)

»