



text on I C Engines has been updated to bring in the latest in IC Engines. Self explanatory sketches, graphs, line schematics of processes and tables along with illustrated examples, exercises and problems at the end of each chapter help in practicing the application of the basic principles presented in the text.

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This hallmark text on Gas Turbines covers all aspects of the subject. The topics have been explained right from the fundamentals so that even a beginner can comprehend the exposition. Various chapters such as Inlets and Nozzles, Blades, Environmental Considerations and Applications and Rocket Propulsion make the book complete. Theoretical descriptions of the topics is crisp and well organized without the presence of any superfluous content which is supported really well with the help of pedagogical features. This edition is a thoroughly revised and updated one. All in all a must read for the readers of Gas Turbines.

????:Numerical heat transfer and fluid flow

Thermodynamics is a simple but a little difficult to comprehend subject because most of the theories were evolved over a period by means of experiments and measurements. This book will help students understand and appreciate the basics of thermodynamics starting from the fundamentals. The subject matter has been organized into 14 chapters in a logical sequence which covers both basic and applied thermodynamics. The theory is presented in a lucid manner with practical examples, wherever necessary. Each chapter consists of solved examples, review questions, exercise problems and MCQs, thereby helping students to apply the concepts learnt in the chapter.

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????:The machine that changed the world

????:Convection hart transfer

This multi-disciplinary book presents the most recent advances in exergy, energy, and environmental issues. Volume 2 focuses on applications and covers current problems, future needs, and prospects in the area of energy and environment from researchers worldwide. Based on selected lectures from the Seventh International Exergy, Energy and Environmental Symposium (IEEES7-2015) and complemented by further invited contributions, this comprehensive set of contributions promote the exchange of new ideas and techniques in energy conversion and conservation in order to exchange best practices in "energetic efficiency". Applications are included that apply to the green transportation and sustainable mobility sectors, especially regarding the development of sustainable technologies for thermal comforts and green transportation vehicles. Furthermore, contributions on renewable and sustainable energy sources, strategies for energy production, and the carbon-free society constitute an important part of this book. Exergy for Better Environment and Sustainability, Volume 2 will appeal to researchers, students, and professionals within engineering and the renewable energy fields.

Internal Combustion EnginesMcGraw Hill Education (India) Pvt Ltdlc



various aspects of nanofluids/hybrid nanofluids.

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