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Titolo	Problems and Solutions in Thermal Engineering : With Multiple-Choice Type Questions // by Shiv Kumar
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ISBN	3-031-10584-2
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (180 pages)
Disciplina	536.7076
Soggetti	Thermodynamics Heat engineering Heat - Transmission Mass transfer Production engineering Fluid mechanics Engineering Thermodynamics, Heat and Mass Transfer Process Engineering Engineering Fluid Dynamics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Basic of Thermodynamics -- First Law of Thermodynamics -- Second Law of Thermodynamics -- Entropy -- Properties of Pure Substance -- Vapor Power Cycles -- IC Engines -- Gas Turbine.
Sommario/riassunto	This book is a collection of over 225 multiple choice type questions (MCQs) and more than 40 practice/exam questions with solutions. This book complements a 2-volume textbook set titled Thermal Engineering by the same author. The answers are adequately supported by well-illustrated diagrams wherever necessary for better understanding of the concepts. The book also included steam tables as an appendix to aid in problem solving .This book proves useful for undergraduate students of mechanical engineering and related disciplines. The book is used in conjunction with the author's textbook set on thermal engineering or as a supplement to other core textbooks and lecture materials. It is used to support classroom teaching or as a self-study guide. The

problem-solution format also proves useful for students and professionals involved in exam prep for graduate university entrance tests and professional certifications. .
