1. Record Nr. UNICAMPANIAVAN0237871

Titolo	Urinary Bladder Pathology / Haijun Zhou, Charles C. Guo, Jae Y. Ro editors
Pubbl/distr/stampa	Cham, : Springer, 2021
Descrizione fisica	XIV, 259 p. : ill. ; 24 cm
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910373930703321

Autore	Schobeiri Meinhard T
Titolo	Gas Turbine Design, Components and System Design Integration : Second Revised and Enhanced Edition / / by Meinhard T. Schobeiri
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-23973-X
Edizione	[2nd ed. 2019.]
Descrizione fisica	1 online resource (540 pages)
Disciplina	621.433
Soggetti	Fluids Fluid mechanics Machinery Fluid- and Aerodynamics Engineering Fluid Dynamics Machinery and Machine Elements
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	From the Content: Introduction, Gas Turbines, Applications, Types -- Gas Turbine Thermodynamic Process -- Thermo-Fluid Essentials for Gas Turbine Design -- Theory of Turbomachinery Stages -- Turbine

and Compressor Cascade Flow Forces -- Losses in Turbine and Compressor Cascades -- Efficiency of Multi-Stage Turbomachines.

Sommario/riassunto

This is the second revised and enhanced edition of the book Gas Turbine Design, Components and System Integration written by a world-renowned expert with more than forty years of active gas turbine R&D experience. It comprehensively treats the design of gas turbine components and their integration into a complete system. Unlike many currently available gas turbine handbooks that provide the reader with an overview without in-depth treatment of the subject, the current book is concentrated on a detailed aero-thermodynamics, design and off-deign performance aspects of individual components as well as the system integration and its dynamic operation. This new book provides practicing gas turbine designers and young engineers working in the industry with design material that the manufacturers would keep proprietary. The book is also intended to provide instructors of turbomachinery courses around the world with a powerful tool to assign gas turbine components as project and individual modules that are integrated into a complete system. Quoting many statements by the gas turbine industry professionals, the young engineers graduated from the turbomachinery courses offered by the author, had the competency of engineers equivalent to three to four years of industrial experience.