1. Record Nr. UNINA9910451292703321

Autore	Soares Claire
Titolo	Gas turbines [[electronic resource]] : a handbook of air, land, and sea applications / / Claire Soares
Pubbl/distr/stampa	Amsterdan ; ; Boston, : Butterworth-Heinemann, c2008
ISBN	1-281-09631-8 9786611096311 0-08-055584-5
Descrizione fisica	1 online resource (773 p.)
Disciplina	621.43/3
Soggetti	Gas-turbines Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Gas Turbines: A Handbook of Air, Land, and Sea Applications; Copyright Page; Dedication Page; Contents; Preface; Introduction; List of Acronyms; Notes to the Reader; About the Author; Chapter 1: Gas Turbines: An Introduction and Applications; Gas Turbines on Land; Direct Drive and Mechanical Drive; Applications Versatility with Land Based Gas Turbines; Aeroengine Gas Turbines; The Relations between Pressure, Volume, and Temperature; Changes in Velocity and Pressure; Airflow; Gas Turbines at Sea; Gas Turbines: Details of Individual Applications Major Classes of Power Generation Application Automotive Applications; Marine Applications; Aircraft Applications-Propulsion Requirements; Chapter 2: Historical Development of the Gas Turbine; Early History of the Gas Turbines; Land Based Gas Turbine Development Perspective; Switzerland (& Swiss abroad); Germany (& Germans abroad); England (& English abroad); Aircraft Engine Development: A U. S. Perspective; Principles of Jet Propulsion; Methods of Jet Propulsion; Appendices: The Gas Turbine Global Fleet; 2A: Gas Turbine Engines Powering Aircraft 2B: Gas Turbines for Elec Gen, Mech Drive, & Marine Power2C: Gas Turbines for APU/GPU Units; 2D: Gas Turbines Powering Missiles/Drones/RPV/UAV; 2E: Gas Turbines Powering On-land/Surface

Vehicles; 2F: Gas Turbines Powering Microturbines for Elec Gen; Chapter 3: Gas Turbine Configurations and Heat Cycles; Gas Turbine Configurations; Turbojet with Afterburner and Convergent- Divergent Nozzle; Separate Jets Turbofan; Mixed Turbofan with Afterburner; Ramjet; Simple-Cycle Single-Spool Shaft-Power Engine; Combined Heat and Power; Aeroderivative and Heavyweight Gas Turbines
Gas Turbine Cycles: Summarized Theory and Economics Power Generation Gas Turbine, Simple and Combined Cycles; Steam Power Plant Theory Applicable to Combined Cycles and Operating ""Solo"" as Competition to GTs; Steam Turbine Basic Components and Main Systems; Super-critical Systems: Targeting 700+ degC Steam Temperature; Case 1. Advanced Design of Mitsubishi Large Steam Turbines; Combined Cycles and Other GT Cycle Modifications; Combined Cycle Economics; Case 2. An End User/EPC Contractor's Experience with Some of the OEM's Latest Models; Chapter 4: Gas Turbine Major Components and Modules
Economics Dictates Design Primary Module Basics; Main Modules in a Gas Turbine; Compressors; Combustors; Low NOx Combustors; Flameless (Catalytic) Combustors; Turbines; Chapter 5: Cooling and Load Bearing Systems; Internal Air System; Cooling; Sealing; Control of Bearing Loads; Aircraft Services; Lubrication; Lubricating Systems; Oil System Components; Lubricating Oils; An Operator's Perspective; Chapter 6: Inlets, Exhausts, and Noise Suppression; Gas Turbine Inlet Air Filtration; Inlet Air Filters for the Tropical Environment; Problems Experienced; Offshore Environment Original Design Data
The Initial Filter Designs

Sommario/riassunto

This major reference book offers the professional engineer - and technician - a wealth of useful guidance on nearly every aspect of gas turbine design, installation, operation, maintenance and repair. The author is a noted industry expert, with experience in both civilian and military gas turbines, including close work as a technical consultant for GE and Rolls Royce.Guidance on installation, control, instrumentation/calibration, and maintenance, including lubrication, air seals, bearings, and filters Unique compendium of manufacturer's specifications and performance criteria, inc

2. Record Nr. UNINA9910797412003321

Autore	Kinnamon Michael
Titolo	Can a renewal movement be renewed? : questions for the future of ecumenism / / Michael Kinnamon
Pubbl/distr/stampa	Grand Rapids, Michigan ; ; Cambridge, England : , : William B. Eerdmans Publishing Company, , 2014 ©2014
ISBN	1-4674-4049-3
Descrizione fisica	1 online resource (143 pages)
Disciplina	262.0011
Soggetti	Ecumenical movement Christian union
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.