

1. Record Nr.	UNINA990000973950403321
Autore	Rutherford, Ernest
Titolo	The Collected Papers of Lord Rutherford of Nelson / published under the scientific direction of James Chadwick
Pubbl/distr/stampa	London : Allen & Unwin, 1962-1965
Descrizione fisica	3 v. : ill. ; 24 cm
Disciplina	509
Locazione	FI1
Collocazione	6D-091.003 6D-091.004 6D-091.005
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Vol. 1: New Zealand, Cambridge, Montreal. - 1962. - Vol. 2: Manchester. - 1963. - Vol. 3: Cambridge. - 1965.

2. Record Nr.	UNINA9910795970003321
Autore	Singh Jasprit
Titolo	Quantum mechanics [[electronic resource]] : fundamentals and applications to technology / / Jasprit Singh
Pubbl/distr/stampa	New York, : Wiley, c1997
ISBN	9783527618200 3527618201 9783527618194
Descrizione fisica	1 online resource
Collana	Physics textbook
Classificazione	421.3 429.1 530.1/2
Soggetti	Physics Quantum theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.

3. Record Nr.	UNINA9910955480003321
Autore	Dincer Ibrahim <1964->
Titolo	Exergy : energy, environment and sustainable development / / Ibrahim Dincer, Marc Rosen
Pubbl/distr/stampa	Oxford, : Elsevier Science, 2013
ISBN	9781283740418 1283740419 9780080970905 0080970907
Edizione	[2nd ed.]
Descrizione fisica	1 online resource (552 pages)
Altri autori (Persone)	RosenMarc (Marc A.)
Disciplina	531.6 621.042
Soggetti	Exergy Energy development Energy conservation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Previous ed.: 2007.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Thermodynamic fundamentals -- Exergy and energy analyses -- Chemical exergy -- Exergy, environment, and sustainable development -- Applications of exergy in industry -- Exergy analysis of psychrometric processes -- Exergy analysis of heat pump systems -- Exergy analysis of absorption cooling systems -- Exergy analysis of thermal energy storage systems -- Exergy analysis of drying processes and systems -- Exergy analysis of renewable energy systems -- Exergy analysis of steam power plants -- Exergy analysis of cogeneration and district energy systems -- Exergy analysis of integrated trigeneration and multigeneration systems -- Exergy analysis of cryogenic and liquefaction systems -- Exergy analysis of crude oil distillation systems -- Exergy analysis of hydrogen production systems -- Exergy analysis of fuel cell systems -- Exergy analysis of aircraft flight systems -- Exergoeconomic analysis of thermal systems -- Exergy analysis of countries, regions, and economic sectors -- Exergetic life cycle assessment -- Exergy and industrial ecology -- Exergy and multiobjective optimization -- Exergy in policy development and

education -- Closing remarks and future expectations -- Appendices.

Sommario/riassunto

This book deals with exergy and its applications to various energy systems and applications as a potential tool for design, analysis and optimization, and its role in minimizing and/or eliminating environmental impacts and providing sustainable development. In this regard, several key topics ranging from the basics of the thermodynamic concepts to advanced exergy analysis techniques in a wide range of applications are covered as outlined in the contents. Offers comprehensive coverage of exergy and its applications, along with the most up-to-date information in the area with recent developments. Connects exergy with three essential areas in terms of energy, environment and sustainable development. Provides a number of illustrative examples, practical applications, and case studies.
