

1. Record Nr.	UNINA9910463438103321
Autore	Mistry Dinshaw
Titolo	Containing missile proliferation [[electronic resource]] : strategic technology, security regimes, and international cooperation in arms control / / Dinshaw Mistry
Pubbl/distr/stampa	Seattle, : University of Washington Press, c2003
ISBN	0-295-80252-9
Descrizione fisica	1 online resource (265 p.)
Disciplina	327.1/743
Soggetti	Arms control Ballistic missiles 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 (p. 202-247) and index.
Nota di contenuto	""Contents ""; ""Preface""; ""Abbreviations""; ""1. Introduction""; ""2. Regimes, Technology, Politics, and Proliferation ""; ""3. Building a Supply-Side Regime ""; ""4. Argentina, Brazil, South Africa""; ""5. South Korea, Taiwan, Arab States ""; ""6. Israel, India, Pakistan""; ""7. North Korea and Iran ""; ""8. Toward a Treaty Regime ""; ""9. Conclusions""; ""Appendix: Technical Notes on Missiles""; ""Notes""; ""Index""

2. Record Nr.	UNINA9910557504003321
Autore	Matias João Carlos de Oliveira
Titolo	Sustainable Industrial Engineering along Product-Service Life Cycle/Supply Chain
Pubbl/distr/stampa	Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
Descrizione fisica	1 online resource (474 p.)
Soggetti	Technology: general issues
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>Sustainable industrial engineering addresses the sustainability issue from economic, environmental, and social points of view. Its application fields are the whole value chain and lifecycle of products/services, from the development to the end-of-life stages. This book aims to address many of the challenges faced by industrial organizations and supply chains to become more sustainable through reinventing their processes and practices, by continuously incorporating sustainability guidelines and practices in their decisions, such as circular economy, collaboration with suppliers and customers, using information technologies and systems, tracking their products' life-cycle, using optimization methods to reduce resource use, and to apply new management paradigms to help mitigate many of the wastes that exist across organizations and supply chains. This book will be of interest to the fast-growing body of academics studying and researching sustainability, as well as to industry managers involved in sustainability management.</p>

3. Record Nr.	UNINA9910682535203321
Autore	Kato Masako
Titolo	Soft Crystals : Flexible Response Systems with High Structural Order // edited by Masako Kato, Kazuyuki Ishii
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	981-9902-60-6
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (viii, 265 pages) : illustrations (some color)
Collana	The Materials Research Society Series, , 2730-7379
Classificazione	SCI013000SCI013030SCI013050SCI016000SCI077000TEC021000
Disciplina	541.0421
Soggetti	Solid state chemistry Soft condensed matter Condensed matter Crystallography Materials science - Data processing Electronic structure Quantum chemistry - Computer programs Solid-State Chemistry Soft Materials Phase Transitions and Multiphase Systems Crystallography and Scattering Methods Electronic Structure Calculations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Background and Overview -- Classification and Definition of "Soft Crystals" -- Theoretical Background of Photophysical Properties -- Vapochromic Soft Crystals Constructed with Metal Complexes -- Luminescent Mechanochromism and the Photosalient Effect of Aryl Gold(I) Isocyanide Complexes -- Elastic and Plastic Soft Crystals with Superelasticity, Ferroelasticity, and Superplasticity -- Triboluminescence of Lanthanide Complexes. Thermosalient Phenomena in Molecular Crystals: A Case Study of Representative Molecules -- Soft Crystal Chemiluminescence Systems Using Organic Peroxides -- Molecular Crystal Calculation Prospects for Structural Phase Transitions -- Approach of Electronic Structure Calculations to

Crystal -- Toward the Applications of Soft Crystals.

Sommario/riassunto

This open access book introduces the science of the new materials, soft crystals, by showing various interesting examples. Different from conventional hard and stable crystals, the soft crystals respond to gentle stimuli such as vapor exposure and rubbing but maintain their structural order. In this book, their exhibition of remarkable visual changes in their shape, color, and luminescence is described. Through the chapters, historical background, recent remarkable developments, and future prospects are described concisely. This book helps readers to understand a new concept of materials that have the characteristics of stimulus-sensitive soft matter and finely controlled crystals and to design novel materials with the characteristics. The English translation of this book from its Japanese language original manuscript was done with the help of artificial intelligence (machine translation by the service DeepL.com). The text has subsequently been revised further by a professional copy editor in order to refine the work stylistically.

4. Record Nr.

Titolo

UNINA9910483998803321

Evolutionary Machine Learning Techniques : Algorithms and Applications / / edited by Seyedali Mirjalili, Hossam Faris, Ibrahim Aljarah

Pubbl/distr/stampa Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020

ISBN 981-329-990-8

Edizione [1st ed. 2020.]

Descrizione fisica 1 online resource (287 pages)

Collana Algorithms for Intelligent Systems, , 2524-7573

Disciplina 006.31

Soggetti Computational intelligence
Artificial intelligence
Neural networks (Computer science)
Computational Intelligence
Artificial Intelligence
Mathematical Models of Cognitive Processes and Neural Networks

Lingua di pubblicazione Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Sommario/riassunto

This book provides an in-depth analysis of the current evolutionary machine learning techniques. Discussing the most highly regarded methods for classification, clustering, regression, and prediction, it includes techniques such as support vector machines, extreme learning machines, evolutionary feature selection, artificial neural networks including feed-forward neural networks, multi-layer perceptron, probabilistic neural networks, self-optimizing neural networks, radial basis function networks, recurrent neural networks, spiking neural networks, neuro-fuzzy networks, modular neural networks, physical neural networks, and deep neural networks. The book provides essential definitions, literature reviews, and the training algorithms for machine learning using classical and modern nature-inspired techniques. It also investigates the pros and cons of classical training algorithms. It features a range of proven and recent nature-inspired algorithms used to train different types of artificial neural networks, including genetic algorithm, ant colony optimization, particle swarm optimization, grey wolf optimizer, whale optimization algorithm, ant lion optimizer, moth flame algorithm, dragonfly algorithm, salp swarm algorithm, multi-verse optimizer, and sine cosine algorithm. The book also covers applications of the improved artificial neural networks to solve classification, clustering, prediction and regression problems in diverse fields.
