1. Record Nr. UNISA996465460403316

Titolo	Internet of Things Use Cases for the Healthcare Industry [[electronic resource] /] / edited by Pethuru Raj, Jyotir Moy Chatterjee, Abhishek Kumar, B. Balamurugan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-37526-9
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XII, 296 p. 79 illus., 59 illus. in color.)
Disciplina	610.28563
Soggetti	Computer communication systems Computer engineering Internet of things Embedded computer systems Health informatics Input-output equipment (Computers) Computer Communication Networks Cyber-physical systems, IoT Health Informatics Input/Output and Data Communications
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	AI in Health Sector -- Real-Time Smart Healthcare Model using IoT -- A Fog Based Approach for Real-Time Analytics of IoT-Enabled Healthcare -- Applications of IoT in Indoor Air Quality Monitoring Systems -- CloudIoT for Smart Healthcare: Architecture, Issues and Challenges -- Impact of IoT on the Healthcare Producers: Epitomizing Pharmaceutical Drug Discovery Process -- Cyber-Security Threats in Medical Devices -- Smart Healthcare Use Cases and Applications -- IoT Use Cases and Applications -- Internet of Things for Ambient Assisted Living - An Overview -- Smart Health care Applications and Real Time Analytics through Edge Computing -- The Role of Blockchain for Medical Electronics Security -- Clinical Data Analysis using IoT Data Analytics Platforms -- Internet of Things - Tools and Technologies in Healthcare

	-- Clinical data analysis using IoT -- Security Issues in IoT and Healthcare Devices.
Sommario/riassunto	This book explores potentially disruptive and transformative healthcare-specific use cases made possible by the latest developments in Internet of Things (IoT) technology and Cyber-Physical Systems (CPS). Healthcare data can be subjected to a range of different investigations in order to extract highly useful and usable intelligence for the automation of traditionally manual tasks. In addition, next-generation healthcare applications can be enhanced by integrating the latest knowledge discovery and dissemination tools. These sophisticated, smart healthcare applications are possible thanks to a growing ecosystem of healthcare sensors and actuators, new ad hoc and application-specific sensor and actuator networks, and advances in data capture, processing, storage, and mining. Such applications also take advantage of state-of-the-art machine and deep learning algorithms, major strides in artificial and ambient intelligence, and rapid improvements in the stability and maturity of mobile, social, and edge computing models. .

2.

Record Nr.	UNISA996517752703316
Titolo	Evolutionary Multi-Criterion Optimization : 12th International Conference, EMO 2023, Leiden, the Netherlands, March 20-24, 2023, Proceedings / / Michael Emmerich [and seven others], editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, Springer Nature Switzerland AG, , [2023] ©2023
ISBN	3-031-27250-1
Edizione	[First edition.]
Descrizione fisica	1 online resource (646 pages)
Collana	Lecture Notes in Computer Science Series ; ; Volume 13970
Disciplina	519.3
Soggetti	Mathematical optimization Multiple criteria decision making
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.

Nota di contenuto

Algorithm Design and Engineering -- Visual Exploration of the Effect of Constraint Handling in Multiobjective Optimization -- A Two-stage Algorithm for Integer Multiobjective Simulation Optimization -- RegEMO: Sacrificing Pareto-Optimality for Regularity in Multi-objective Problem-Solving -- Cooperative coevolutionary NSGA-II with Linkage Measurement Minimization for Large-scale Multi-objective Optimization -- Data-Driven Evolutionary Multi-Objective Optimization Based on Multiple-Gradient Descent for Disconnected Pareto Fronts -- Eliminating Non-dominated Sorting from NSGA-III -- Scalability of Multi-Objective Evolutionary Algorithms for Solving Real-World Complex Optimization Problems -- Machine Learning and Multi-criterion Optimization -- Multi-Objective Learning using HV Maximization -- Sparse Adversarial Attack via Bi-Objective Optimization -- Investigating Innovized Progress Operators with Different Machine Learning Methods -- End-to-End Pareto Set Prediction with Graph Neural Networks for Multi-objective Facility Location -- Online Learning Hyper-Heuristics in Multi-Objective Evolutionary Algorithms -- Surrogate-assisted Multi-objective Optimization via Genetic Programming based Symbolic Regression -- Learning to Predict Pareto-optimal Solutions From Pseudo-weights -- A Relation Surrogate Model for Expensive Multiobjective Continuous and Combinatorial Optimization -- Pareto Front Upconvert by Iterative Estimation Modeling and Solution Sampling -- Pareto Front Upconvert by Iterative Estimation Modeling and Solution Sampling -- Approximation of a Pareto Set Segment Using a Linear Model with Sharing Variables -- Feature-based Benchmarking of Distance-based Multi/Many-objective Optimisation Problems: A Machine Learning Perspective -- Benchmarking and Performance Assessment -- Partially Degenerate Multi-Objective Test Problems -- Peak-A-Boo! Generating Multi-Objective Multiple Peaks Benchmark Problems with Precise Pareto Sets -- MACO: A Real-world inspired Benchmark for Multi-objective Evolutionary Algorithms -- A scalable test suite for bi-objective multidisciplinary optimisation -- Performance Evaluation of Multi-Objective Evolutionary Algorithms using Artificial and Real-World Problems -- A Novel Performance Indicator based on the Linear Assignment Problem -- A Test Suite for Multi-objective Multi-fidelity Optimization -- Indicator Design and Complexity Analysis -- Diversity enhancement via magnitude -- Two-Stage Greedy Approximated Hypervolume Subset Selection for Large-Scale Problems -- Two-Stage Greedy Approximated Hypervolume Subset Selection for Large-Scale Problems -- On the Computational Complexity of Efficient Non-Dominated Sort using Binary Search -- Applications in Real World Domains -- Evolutionary Algorithms with Machine Learning Models for Multiobjective Optimization in Epidemics Control -- Joint Price Optimization across a Portfolio of Fashion E-commerce Products -- Improving MOEA/D with Knowledge Discovery. Application to a Bi-Objective Routing Problem -- The Prism-Net Search Space Representation for Multi-Objective Building Spatial Design -- Selection Strategies for a Balanced Multi- or Many-Objective Molecular Optimization and Genetic Diversity: a Comparative Study -- A Multi-objective Evolutionary Framework for Identifying Dengue Stage-Specific Differentially Co-expressed and Functionally Enriched Gene Modules -- A Multi-objective Evolutionary Framework for Identifying Dengue Stage-Specific Differentially Co-expressed and Functionally Enriched Gene Modules. -Multiobjective Optimization of Evolutionary Neural Networks for Animal Trade Movements Prediction -- Transfer of Multi-Objectively Tuned CMA-ES Parameters to a Vehicle Dynamics Problem -- Multi-Criteria Decision Making and Interactive Algorithms --

	Preference-Based Nonlinear Normalization for Multiobjective Optimization -- Incorporating preference information interactively in NSGA-III by the adaptation of reference vectors -- A Systematic Way of Structuring Real-World Multiobjective Optimization Problems -- IK-EMOViz: An Interactive Knowledge-based Evolutionary Multi-objective Optimization Framework -- An Interactive Decision Tree-Based Evolutionary Multi-Objective Algorithm.
Sommario/riassunto	This book constitutes the refereed proceedings of the 12th International Conference on Evolutionary Multi-Criterion Optimization, EMO 2022 held in Leiden, The Netherlands, during March 20-24, 2023. The 44 regular papers presented in this book were carefully reviewed and selected from 65 submissions. The papers are divided into the following topical sections: Algorithm Design and Engineering; Machine Learning and Multi-criterion Optimization; Benchmarking and Performance Assessment; Indicator Design and Complexity Analysis; Applications in Real World Domains; and Multi-Criteria Decision Making and Interactive Algorithms.

3.

Record Nr.	UNINA9910157827503321
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Titolo	Ramadan / / Joanna Ponto and Carol Gnojewski
Pubbl/distr/stampa	New York, NY : , : Enslow Publishing, , 2017
ISBN	0-7660-8353-5
Descrizione fisica	1 online resource (32 pages) : illustrations
Collana	Story of our holidays
Disciplina	297.3/62
Soggetti	Ramadan
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (page 31) and index.
Nota di contenuto	Ninth moon -- The message of Islam -- Praying to Mecca -- Fasting for Ramadan -- The Eid festival arrives -- Ramadan craft project -- Cooking on Ramadan -- Words to know -- For more information.