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Descrizione fisica	1 online resource (242 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1859
Disciplina	005.1
Soggetti	Software engineering Computers, Special purpose Computer systems Microprogramming Computer programming Software Engineering Special Purpose and Application-Based Systems Computer System Implementation Control Structures and Microprogramming Programming Techniques
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Tool Assisted Empirical Approach to Reusability Models Assessment -- Microservices Deployment on a Multi-platform Ecosystem: A Contract-based Approach -- A Decision Model based on an Optimized Choquet Integral: Multifactor Prediction and Intelligent Agriculture Application.- A New Simulation Tool for Sensor Networks based on an Energy-efficient and Fault-tolerant Methodology -- Adapting Cyber-Risk Assessment for the Planning of Cyber-Physical Smart Grids based on Industrial Needs -- Three Forms of Mutant Subsumption: Basic, Strict and Broad -- On the Efficiency of Building Large Collections of Software: Modeling, Algorithms, and Experimental Results -- An AST-based Code Change Representation and Its Performance in Just-in-time Vulnerability Prediction -- Towards Extracting Reusable and

Maintainable Code Snippets -- A deep learning architecture based on advanced textual language models for detecting disease through its symptoms associated with a reinforcement learning algorithm.

#### Sommario/riassunto

This book includes extended and revised versions of a set of selected papers from the 17th International Conference on Software Technologies, ICSOFT 2022, held in Lisbon, Portugal, during July 11–13, 2022. The 10 full papers included in this book were carefully reviewed and selected from 102 submissions. They were organized in topical sections as follows: tool assisted empirical approach to reusability models assessment; functional programming; three forms of mutant subsumption: basic, strict and broad; and on the efficiency of building large collections of software: modeling, algorithms, and experimental results.