

1. Record Nr.	UNINA9910731474103321
Titolo	Innovative Mobile and Internet Services in Ubiquitous Computing : Proceedings of the 17th International Conference on Innovative Mobile and Internet Services in Ubiquitous Computing (IMIS-2023) // edited by Leonard Barolli
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	3-031-35836-8
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (413 pages)
Collana	Lecture Notes on Data Engineering and Communications Technologies, , 2367-4520 ; ; 177
Disciplina	004.165 004
Soggetti	Computational intelligence Engineering - Data processing Wireless communication systems Mobile communication systems Computational Intelligence Data Engineering Wireless and Mobile Communication
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	An Enhanced AI-based Vehicular Driver Support System Considering Hyperparameter Optimization -- An AOI-based Surface Painting Equipment -- An Aircraft Assembly System Based on Improved YOLOv5 -- Hyperparameter Tuning and Comparison Analysis of the DNN Model to Predict Wireless Network Conditions of Live Video Services -- A Soldering Motion Analysis System for Monitoring Whole Body of People with Developmental Disabilities -- A Fuzzy Theory Based Attitude Control for Takeoff of Quadrotor -- A New Method for Improving Cache Hit Ratio by Utilizing Near Network Cache on NDN -- An Analysis of Theoretical Network Communication Speedup Using Multiple Fungible Paths -- Universal Intrusion Detection System on In-vehicle Network -- The Comparison of Machine Learning Methods for Email Spam Detection -- A Lightweight Intrusion Detection System on In-vehicle

Network Using Polynomial Features -- Fuzz Testing and Safe Framework Development for Vehicle Security Analysis -- Advanced Mathematics Curriculum Reform Based on Nine Screen Method and CDIO Educational Concept -- Proposal of a Music Auditioning Application using Music Compact Disk Jacket as Augmented Reality Marker.

Sommario/riassunto

This book provides latest research findings, methods and development techniques, challenges and solutions from both theoretical and practical perspectives related to Ubiquitous and Pervasive Computing (UPC) with an emphasis on innovative, mobile and internet services. With the proliferation of wireless technologies and electronic devices, there is a fast-growing interest in UPC, which enables to create a human-oriented computing environment where computer chips are embedded in everyday objects and interact with the physical world. Through UPC, people can be online even while moving around, thus having almost permanent access to their preferred services. With a great potential to revolutionize our lives, UPC also poses new research challenges.
