1. Record Nr. UNISA990000110280203316

Titolo	Dynamical systems I. Ordinary differential equations and smooth dynamical systems / D. V. Anosov, V. I. Arnold eds. ;[translated by E. R. Dawson et al.] (Vol. 1)
Pubbl/distr/stampa	Copyr. 1988
ISBN	3-540-17000-6
Descrizione fisica	VI, 233 p
Collocazione	510 ENC 1 (A)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910495204703321

Titolo	Advancements in Mechatronics and Intelligent Robotics : Proceedings of ICMIR 2020 / / edited by Zhengtao Yu, Srikanta Patnaik, John Wang, Nilanjan Dey
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2021
ISBN	981-16-1843-7
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (604 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1220
Disciplina	621
Soggetti	Computational intelligence Automatic control Robotics Automation Artificial intelligence Wireless communication systems Mobile communication systems Computational Intelligence Control, Robotics, Automation Artificial Intelligence Wireless and Mobile Communication Mecatrònica Robòtica Intel·ligència artificial

	Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Due to COVID-19, it could not be possible to invite international speakers from other countries; however, it was academically very rich by online presentation."--Preface
Nota di bibliografia	Includes author index
Nota di contenuto	Simulation of Off Wheel Problem of Triangle Tracked Vehicle Based on Recyrdny -- Brief Design Requirements of Screen Printing Stencil -- Review of Improved Collaborative Filtering Recommendation Algorithms -- A Preliminary Study on the Application of Computer Technology in Physical Education -- Design of Archives Management System for Teaching -- An Algorithm for Distinguishing Between Speech and Music -- Research on Multiple Overlapping Speakers Number Recognition Based on X-vector -- Feasibility Analysis of Venture Capital Committee in the Innovative Design of Class Management in Colleges and Universities -- A Survey and Study on Satisfaction and Influencing Factors using Ant Credit Pay via Intelligent Processing -- A Review on Main Optimization Method of ALBERT in Natural Language Processing -- Study on the Influencing Factors of Customer Loyalty in Large Smart Home Furnishing Stores -- Research on Linear Detection Technology for Massive MIMO in Wireless Communications -- Research on Intelligent Reconfiguration and Recognition Technology of Mobile Environment for Substation Operation.
Sommario/riassunto	This book gathers selected papers presented at the Fourth International Conference on Mechatronics and Intelligent Robotics (ICMIR 2020), held in Kunming, China, on May 22–24, 2020. The proceedings cover new findings in the following areas of research: mechatronics, intelligent mechatronics, robotics and biomimetics; novel and unconventional mechatronic systems; modeling and control of mechatronic systems; elements, structures and mechanisms of micro- and nano-systems; sensors, wireless sensor networks and multi-sensor data fusion; biomedical and rehabilitation engineering, prosthetics and artificial organs; artificial intelligence (AI), neural networks and fuzzy logic in mechatronics and robotics; industrial automation, process control and networked control systems; telerobotics and human–computer interaction; human–robot interaction; robotics and artificial intelligence; bio-inspired robotics; control algorithms and control systems; design theories and principles; evolutional robotics; field robotics; force sensors, accelerometers and other measuring devices; healthcare robotics; kinematics and dynamics analysis; manufacturing robotics; mathematical and computational methodologies in robotics; medical robotics; parallel robots and manipulators; robotic cognition and emotion; robotic perception and decisions; sensor integration, fusion and perception; and social robotics. .