1.	Record Nr.	UNINA9910742500003321
	Autore	Peng Sheng-Lung
	Titolo	Proceedings of 3rd International Conference on Mathematical Modeling and Computational Science : ICMMCS 2023 / / edited by Sheng-Lung Peng, Noor Zaman Jhanjhi, Souvik Pal, Fathi Amsaad
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
	ISBN	981-9936-11-X
	Edizione	[1st ed. 2023.]
	Descrizione fisica	1 online resource (559 pages)
	Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1450
	Altri autori (Persone)	JhanjhiNoor Zaman PalSouvik AmsaadFathi
	Disciplina	006.3
	Soggetti	Computational intelligence Artificial intelligence Computer simulation Machine learning Computational Intelligence Artificial Intelligence Computer Modelling Machine Learning
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1: Neuro-Fuzzy Logic Application in Speech Recognition -- Chapter 2: A Machine Learning Model for Predicting Covid-19 -- Chapter 3: Thyroid Disease Prediction using a Novel Classification Enhancing MLP and Random Forest Algorithms -- Chapter 4: Youtube Sentimental Analysis using a Combined Approach of KNN and K-Means Clustering Algorithm -- Chapter 5: Big Data Analytics: Hybrid Classification in Brain Images using BSO and SVM -- Chapter 6: Breast Cancer Detection using Hybrid Segmentation using FOA and FCM Clustering -- Chapter 7: Hybrid Optimization using CC and PSO in Cryptography Encryption for Medical Images -- Chapter 8: Boundary Element Method for Water Wave Interaction with Semi-circular Porous Wave Barriers Placed over Stepped Seabed -- Chapter 9: Fostering Stem

Education Competency for Elementary Education Students at Universities of Pedagogy in Vietnam -- Chapter 10: Blockchain based E-Medical Data Storage for Privacy Protection. etc.

Sommario/riassunto	The volume is a collection of high-quality, peer-reviewed research papers presented at the Third International Conference on Mathematical Modeling and Computational Science (ICMMCS 2023), held during 24 – 25 February 2023 in hybrid mode. The topics covered in the book are mathematical logic and foundations, numerical analysis, neural networks, fuzzy set theory, coding theory, higher algebra, number theory, graph theory and combinatory, computation in complex networks, calculus, differential educations and integration, application of soft computing, knowledge engineering, machine learning, artificial intelligence, big data and data analytics, high performance computing, network and device security, Internet of Things (IoT).