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Descrizione fisica	1 online resource (XXII, 717 p. 353 illus., 285 illus. in color.)
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Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Cooperating objects (Computer systems) Signal processing Internet of things Computational Intelligence Artificial Intelligence Cyber-Physical Systems Signal, Speech and Image Processing Internet of Things
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Nota di contenuto	5G MIMO Antenna Design for Bandwidth Enhancement using Split Ring Resonator -- Real-Time Violence Detection and Alert System using MobileNetV2 and Telegram Bot -- An analysis on the capacity of the convolutional neural network and the current neural network to identify vocal problems -- Recent Advances in Diabetic Monitoring Devices: Present to Future Directions -- Navigating the Digital Realm: E-Visual Online Examination for the Visually Challenged -- The evaluation of data aggregation and compression in WSN routing networks using the best clustering methods -- Improved AODV Routing Protocol Development and Analysis for Enhanced Network Performance In MANETs Based On Machine Learning Model.
Sommario/riassunto	This book presents selected research papers on current developments

in the fields of soft computing and signal processing from the Seventh International Conference on Soft Computing and Signal Processing (ICSCSP 2024), organized by Malla Reddy College of Engineering & Technology, Hyderabad, India. The book covers topics such as soft sets, rough sets, fuzzy logic, neural networks, genetic algorithms and machine learning and discusses various aspects of these topics, e.g., technological considerations, product implementation and application issues.

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