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Collana	Advances in Intelligent Systems and Computing, , 2194-5357 ; ; 846
Disciplina	006.3
Soggetti	Engineering Data mining Computational Intelligence Signal, Image and Speech Processing Data Mining and Knowledge Discovery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	Strength and Swelling Characteristics of Expansive Soils Treated with Calcium Carbide Residue -- Studies on Properties of Concrete Using Crumb Rubber as Fine Aggregate -- Use of Textile Effluent Treatment Plant Sludge as Sustainable Material in Brick Manufacturing -- A novel IDS to Detect Multiple DoS Attacks with Network Lifetime Estimation Based on Learning Based Energy Prediction Algorithm for Hierarchical WSN -- Ensuring Security in Sharing of Information Using Cryptographic Technique -- Efficient Collaborative Key Management Protocol for Secure Mobile Cloud Data Storage -- Identification of FrontoTemporal Dementia Using Neural Network -- Cardiac Failure Detection Using Neural Network Model with Dual Tree Complex Wavelet Transform -- Feature Extraction through Segmentation of Retinal Layers in SDOCT Images for the Assessment of Diabetic Retinopathy -- QR Code Based Highly Secure ECG Steganography -- Modified Shunt Active Line Conditioner Using Enhanced Self-restoring Technique with Step Size Error Elimination Algorithm.
Sommario/riassunto	The book is a collection of best papers presented at the International

Conference on Intelligent Computing and Applications (ICICA 2018), held at Velammal Engineering College, Chennai, India on 2–3 February 2018. Presenting original work in the field of computational intelligence and power and computing technology, it focuses on soft computing applications in power systems; power-system modeling and control; FACTS devices – applications in power systems; power-system stability and switchgear and protection; power quality issues and solutions; smart grids; green and renewable energy technologies; optimization techniques in electrical systems; power electronics controllers for power systems; power converters and modeling; high voltage engineering; diagnosis and sensing systems; and robotics.

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