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Descrizione fisica	1 online resource (148 pages)
Collana	Advances in Intelligent Systems and Computing, , 2194-5365 ; ; 1136
Disciplina	005.8
Soggetti	Computational intelligence Signal processing Data protection Image processing - Digital techniques Computer vision Big data Computational Intelligence Signal, Speech and Image Processing Data and Information Security Computer Imaging, Vision, Pattern Recognition and Graphics Big Data
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Automatic caption generation of retinal diseases with self trained RNN merge model -- Dimensionality reduction of hyperspectral images: A data driven approach for band selection -- Comment-Mine -- A Semantic Search Approach to Program Comprehension from Code Comments -- Biomarker Gene Identification using a Quantum Inspired Clustering Approach -- Shot Classification and Replay Detection in Broadcast Soccer Video -- A Novel Automated Blood Cell Counting Method Based on Deconvolution and Convolution and Its Application to Neural Networks -- A citizen centred sentiment analysis towards India's critically endangered Avian and Mammalian species -- Methodology for Generating Synthetic Time-dependant Probabilistic Speed Profiles -- A

Multi-scale Patch-based Deep learning system for Polyp Segmentation  
-- Object detection in rainy condition from video using YOLO based  
deep learning model -- Visualisation of the evacuation process  
including people with heart diseases.

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#### Sommario/riassunto

This book features extended versions of selected papers that were presented and discussed at the 7th International Doctoral Symposium on Applied Computation and Security Systems (ACSS 2020), held in Kolkata, India, on February 28–29, 2020. Organized by the Departments of Computer Science & Engineering and A. K. Choudhury School of Information Technology at the University of Calcutta, the symposium's international partners were Ca' Foscari University of Venice, Italy, and Bialystok University of Technology, Poland. The topics covered include biometrics, image processing, pattern recognition, algorithms, cloud computing, wireless sensor networks, and security systems, reflecting the various symposium sessions. .

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