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Nota di contenuto	Fuzzy approaches and analysis in image processing / Ezhilmaran D, Adhiyaman M -- An overview of text information extraction from images / Prabhakar C. J. -- Exploring image and video steganography based on DCT and wavelet transform / Chantana Chantrapornchai, Jitdumrong Preechasuk -- Zernike-moments-based shape descriptors for pattern recognition and classification applications / Alex Noel Joseph Raj, Vijayalakshmi G. V. Mahesh -- An image de-noising method based on intensity histogram equalization technique for image enhancement / Shantharajah S. P., Ramkumar T, Balakrishnan N -- A new image encryption method based on improved cipher block chaining with optimization technique / Kuppusamy Krishnamoorthy, Mahalakshmi Jeyabalu -- A technique to approximate digital planar curve with polygon / Mangayarkarasi Ramaiah, Bimal Kumar Ray -- Shape determination of aspired foreign body on pediatric radiography images using rule-based approach / Vasumathy M, Mythili Thirugnanam -- Evaluation of image detection and description algorithms for application in monocular SLAM / Claudio Urrea, Gabriel Solar -- Diophantine equations for enhanced security in watermarking scheme for image authentication / Padma T, Jayashree Nair -- Design, construction, and programming of a mobile robot controlled by artificial vision / Claudio Urrea, Alex Yau -- Review and applications of multimodal biometrics for secured systems / Chitra Anil Dhawale --

Background subtraction and object tracking via key frame-based rotational symmetry dynamic texture / Jeyabharathi D, Deje D -- A novel approach of human tracking mechanism in wireless camera networks / Usha Devi Gandhi -- Digital image steganography: survey, analysis, and application / Chitra A. Dhawale, Naveen D. Jambhekar -- Vegetation index: ideas, methods, influences, and trends / Suresh Kumar Nagarajan, Arun Kumar Sangaiah -- Expert system through GIS-based cloud / Prabu Sevugan, Swarnalatha Purushotham, Ajay Chandran.

Sommario/riassunto

"[This book] is an essential reference publication for the latest research on digital image processing advancements. Featuring expansive coverage on a broad range of topics and perspectives, such as image and video steganography, pattern recognition, and artificial vision, this publication is ideally designed for scientists, professionals, researchers, and academicians seeking current research on solutions for new challenges in image processing"--Provided by publisher.
