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Nota di contenuto	Colonic Polyp Identification Using Pareto Depth Anomaly Detection Algorithm -- Comparative Study of Dermoscopic Hair Removal Methods -- Lower Limb Joint Angle Coordination Assessment at Sagittal Plane on Human Vertical Countermovement -- Biometric Identication Based on Forearm Vein Pattern -- Cross Recurrence Quantitative Analysis of Functional Magnetic Resonance Imaging -- Automatic Segmentation and Delineation of Intervertebral Discs on Lumbar Spine MR Images -- A Hybrid Approach For Breast Mass Categorization -- Skin Disease Diagnosis from Photographs Using Deep Learning -- Prediction of the Child’s Head Growth in the First Year of Life -- Influence of Mutual Rotation of Polarizing Filters on Light Intensity Measured With Collagen Fibres -- Automatic Extraction of Marbling Measures Using Image

Analysis, for Evaluation of Beef Quality -- Layer Thickness Evaluation Between Medical Imaging and Additive Manufacturing. .

Sommario/riassunto

This book gathers full papers presented at the VipIMAGE 2019—VII ECCOMAS Thematic Conference on Computational Vision and Medical Image Processing—held on October 16-18, 2019, in Porto, Portugal. It discusses cutting-edge methods, findings, and applications related to 3D vision, bio- and medical imaging, computer-aided diagnosis, image enhancement, image processing and analysis, virtual reality, and also describes in detail advanced image analysis techniques, such as image segmentation and feature selection, as well as statistical and geometrical modeling. The book provides both researchers and professionals with extensive and timely insights into advanced imaging techniques for various application purposes.