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   Disciplina   006.42

   Soggetti   Computer vision
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                          Artificial intelligence
                          Computer graphics
                          Algorithms
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   Nota di contenuto   Invited Talks -- Contest Session -- Computer Graphics and Image
                          Processing -- Low and Middle Level Processing -- 2D and 3D
                          Segmentation -- Feature Extraction and Image Analysis -- Object
                          Detection and Recognition -- Video Analysis and Processing -- Pattern
                          Analysis and Classification -- Learning -- Graphs and Trees --
                          Applications -- Shape Analysis -- Face Analysis -- Medical Imaging --
                          Image Analysis and Pattern Recognition.

   Sommario/riassunto   This book constitutes the refereed proceedings of the 15th
                          International Conference on Image Analysis and Processing, ICIAP
                          2009, held in Vietri sul Mare, Italy, in September 2009. The 107 revised

full papers presented together with 3 invited papers were carefully reviewed and selected from 168 submissions. The papers are organized in topical sections on computer graphics and image processing, low and middle level processing, 2D and 3D segmentation, feature extraction and image analysis, object detection and recognition, video analysis and processing, pattern analysis and classification, learning, graphs and trees, applications, shape analysis, face analysis, medical imaging, and image analysis and pattern recognition.