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   Collana   Image Processing, Computer Vision, Pattern Recognition, and Graphics ;
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   Disciplina   006.31

   Soggetti   Optical data processing
                                 Artificial intelligence
                                 Bioinformatics
                                 Pattern recognition
                                 Algorithms
                                 Computers
                                 Image Processing and Computer Vision
                                 Artificial Intelligence
                                 Computational Biology/Bioinformatics
                                 Pattern Recognition
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   Nota di bibliografia   Includes bibliographical references and index.

   Nota di contenuto   Retrospective motion correction of magnitude-input MR images --
                                 Automatic Brain Localization in Fetal MRI Using Superpixel Graphs --
                                 Learning Deep Temporal Representations for fMRI Brain Decoding --
                                 Modelling Non-Stationary and Non-Separable Spatio-Temporal
                                 Changes in Neurodegeneration via Gaussian Process Convolution --
                                 Improving MRI brain image classification with anatomical regional
                                 kernels -- A Graph Based Classification Method for Multiple Sclerosis
                                 Clinical Form Using Support Vector Machine -- Classification of

Alzheimer's Disease using Discriminant Manifolds of Hippocampus Shapes -- Transfer Learning for Prostate Cancer Mapping Based on Multicentric MR imaging databases.

Sommario/riassunto	Normal 0 false false false EN-US X-NONE X-NONE /* Style Definitions */ table.MsoNormalTable {mso-style-name:"Table Normal"; mso-tstyle-rowband-size:0; mso-tstyle-colband-size:0; mso-style-noshow: yes; mso-style-priority:99; mso-style-qformat:yes; mso-style-parent:""; mso-padding-alt:0in 5.4pt 0in 5.4pt; mso-para-margin:0in; mso-para-margin-bottom:.0001pt; mso-pagination:widow-orphan; font-size:11.0pt; font-family:"Calibri","sans-serif"; mso-ascii-font-family:Calibri; mso-ascii-theme-font:minor-latin; mso-fareast-font-family:"Times New Roman"; mso-fareast-theme-font:minor-fareast; mso-hansi-font-family:Calibri; mso-hansi-theme-font:minor-latin; mso-bidi-font-family:"Times New Roman"; mso-bidi-theme-font: minor-bidi;} This book constitutes the revised selected papers of the First International Workshop on Machine Learning in Medical Imaging, MLMMI 2015, held in July 2015 in Lille, France, in conjunction with the 32nd International Conference on Machine Learning, ICML 2015. The 10 papers presented in this volume were carefully reviewed and selected for inclusion in the book. The papers communicate the specific needs and nuances of medical imaging to the machine learning community while exposing the medical imaging community to current trends in machine learning. .