

1. Record Nr.	UNISA996465835903316
Titolo	Information Processing in Medical Imaging [[electronic resource] ] : 23rd International Conference, IPMI 2013, Asilomar, CA, USA, June 28-- July 3, 2013, Proceedings / / edited by James C. Gee, Sarang Joshi, Kilian M. Pohl, William M. Wells, Lilla Zöllei
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	3-642-38868-X
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XXIV, 782 p. 312 illus.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 7917
Disciplina	006.6 006.37
Soggetti	Optical data processing Pattern recognition Health informatics Radiology Artificial intelligence Mathematical statistics Image Processing and Computer Vision Pattern Recognition Health Informatics Imaging / Radiology Artificial Intelligence Probability and Statistics in Computer Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Matched Signal Detection on Graphs: Theory and Application to Brain Network Classification -- Exploring High-Order Functional Interactions via Structurally-Weighted LASSO Models -- Feature-Based Alignment of Volumetric Multi-modal Images -- Bayesian Estimation of Regularization and Atlas Building in Diffeomorphic Image Registration -- Gradient Competition Anisotropy for Centerline Extraction and

Segmentation of Spinal Cords -- Automated Segmentation of the Cerebellar Lobules Using Boundary Specific Classification and Evolution -- Tree-Space Statistics and Approximations for Large-Scale Analysis of Anatomical Trees -- Predicting Cognitive Data from Medical Images Using Sparse Linear Regression -- A Multiple Hypothesis Based Method for Particle Tracking and Its Extension for Cell Segmentation -- A Multiple Model Probability Hypothesis Density Tracker for Time-Lapse Cell Microscopy Sequences -- Multi-layer Deformation Estimation for Fluoroscopic Imaging -- Fiber Connectivity Integrated Brain Activation Detection -- Diffeomorphic Metric Mapping of Hybrid Diffusion Imaging Based on BFOR Signal Basis -- Hyperbolic Harmonic Brain Surface Registration with Curvature-Based Landmark Matching -- Geometric Tree Kernels: Classification of COPD from Airway Tree Geometry -- Segmenting the Papillary Muscles and the Trabeculae from High Resolution Cardiac CT through Restoration of Topological Handles -- Data-Driven Interactive 3D Medical Image Segmentation Based on Structured Patch Model -- Sparse Deformable Models with Application to Cardiac Motion Analysis -- A Longitudinal Functional Analysis Framework for Analysis of White Matter Tract Statistics -- Groupwise Simultaneous Manifold Alignment for High-Resolution Dynamic MR Imaging of Respiratory Motion -- Conformal Mapping via Metric Optimization with Application for Cortical Label Fusion -- A Novel Sparse Group Gaussian Graphical Model for Functional Connectivity Estimation -- Joint Co-Segmentation and Registration of 3D Ultrasound Images -- Deformable Modeling Using a 3D Boundary Representation with Quadratic Constraints on the Branching Structure of the Blum Skeleton -- Sparse Projections of Medical Images onto Manifolds -- Efficient 3D Multi-region Prostate MRI Segmentation Using Dual Optimization -- Locality Preserving Non-negative Basis Learning with Graph Embedding -- Hierarchical Discriminative Framework for Detecting Tubular Structures in 3D Images -- Joint Fractional Segmentation and Multi-tensor Estimation in Diffusion MRI -- Retrospective Estimation of the Susceptibility Driven Field Map for Distortion Correction in Echo Planar Imaging -- Group-Wise Cortical Correspondence via Sulcal Curve-Constrained Entropy Minimization -- Diffeomorphic Spectral Matching of Cortical Surfaces -- The Non-Local Bootstrap -- Estimation of Uncertainty in Diffusion MRI -- Beyond Crossing Fibers: Tractography Exploiting Sub-voxel Fibre Dispersion and Neighbourhood Structure -- Learning from M/EEG Data with Variable Brain Activation Delays -- Unsupervised Learning of Functional Network Dynamics in Resting State fMRI -- Cohort-Level Brain Mapping: Learning Cognitive Atoms to Single Out Specialized Regions -- Torso Image Analysis Rapid Multi-organ Segmentation Using Context Integration and Discriminative Models -- Edge- and Detail-Preserving Sparse Image Representations for Deformable Registration of Chest MRI and CT Volumes -- Multimodal Surface Matching: Fast and Generalisable Cortical Registration Using Discrete Optimisation -- Globally Optimal Cortical Surface Matching with Exact Landmark Correspondence -- Joint Learning of Appearance and Transformation for Predicting Brain MR Image Registration -- Automatic Prostate MR Image Segmentation with Sparse Label Propagation and Domain-Specific Manifold Regularization -- Moving Frames for Heart Fiber Geometry -- Structural Brain Network Constrained Neuroimaging Marker Identification for Predicting Cognitive Functions -- Multi-atlas Segmentation with Robust Label Transfer and Label Fusion -- A Hierarchical Geodesic Model for Diffeomorphic Longitudinal Shape Analysis -- Active Testing Search for Point Cloud Matching -- Relating Fisher Information to Detectability of Changes in Nodule Characteristics

with CT -- Adaptive Multi-modal Particle Filtering for Probabilistic White Matter Tractography -- Can T2 -Spectroscopy Resolve Submicrometer Axon Diameters? -- Dictionary Learning on the Manifold of Square Root Densities and Application to Reconstruction of Diffusion Propagator Fields -- Diseased Region Detection of Longitudinal Knee MRI Data -- Model Selection and Estimation of Multi-compartment Models in Diffusion MRI with a Rician Noise Model -- Bayesian Segmentation of Atrium Wall Using Globally-Optimal Graph Cuts on 3D Meshes -- Using Region Trajectories to Construct an Accurate and Efficient Polyaffine Transform Model -- Extracting Evolving Pathologies via Spectral Clustering -- Construction of Multi-scale Common Brain Networks Based on DICCCOL -- Rotation Invariant Features for HARDI -- Geodesic Shape Regression in the Framework of Currents -- Multinomial Probabilistic Fiber Representation for Connectivity Driven Clustering -- Reliable Selection of the Number of Fascicles in Diffusion Images by Estimation of the Generalization Error -- IDiff: Irrotational Diffeomorphisms for Computational Anatomy -- Joint Generative Modeling of Imaging and Genetics.

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Sommario/riassunto

This book constitutes the proceedings of the 23rd International Conference on Information Processing in Medical Imaging, IPMI 2013, held in Asilomar in June/July 2013. The 26 full papers and 38 poster papers presented in this volume were carefully reviewed and selected from 199 submissions. The papers are organized in topical sections on connectivity, groupwise registration, neuro segmentation, statistical analysis, dynamic imaging, cortical surface registration, diffusion MRI, functional imaging, torso image analysis, and tract analysis.

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2. Record Nr.	UNINA9910960096303321
Autore	Wheeler Roxann
Titolo	The Complexion of Race : Categories of Difference in Eighteenth-Century British Culture // Roxann Wheeler
Pubbl/distr/stampa	Philadelphia : , : University of Pennsylvania Press, , [2010] ©2000
ISBN	9786613210623 9781283210621 1283210622 9780812200140 0812200144
Edizione	[1st ed.]
Descrizione fisica	1 online resource (382 p.)
Collana	New Cultural Studies
Classificazione	MS 3530
Disciplina	305.8/00941/09033
Soggetti	SOCIAL SCIENCE Sociology / General Race awareness - History - 18th century - Great Britain English fiction - 18th century - History and criticism Difference (Psychology) - History - 18th century Race in literature Regions & Countries - Europe History & Archaeology Great Britain
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Frontmatter -- Contents -- Illustrations -- Introduction: The Empire of Climate -- Chapter 1. Christians, Savages, and Slaves -- Chapter 2. Racializing Civility -- Chapter 3. Romanticizing Racial Difference -- Chapter 4. Consuming Englishness -- Chapter 5. The Politicization of Race -- Epilogue: Theorizing Race and Racism in the Eighteenth Century -- Notes -- Index -- Acknowledgments
Sommario/riassunto	In the 1723 Journal of a Voyage up the Gambia, an English narrator describes the native translators vital to the expedition's success as being "Black as Coal." Such a description of dark skin color was not

unusual for eighteenth-century Britons-but neither was the statement that followed: "here, thro' Custom, (being Christians) they account themselves White Men." The *Complexion of Race* asks how such categories would have been possible, when and how such statements came to seem illogical, and how our understanding of the eighteenth century has been distorted by the imposition of nineteenth and twentieth century notions of race on an earlier period. Wheeler traces the emergence of skin color as a predominant marker of identity in British thought and juxtaposes the Enlightenment's scientific speculation on the biology of race with accounts in travel literature, fiction, and other documents that remain grounded in different models of human variety. As a consequence of a burgeoning empire in the second half of the eighteenth century, English writers were increasingly preoccupied with differentiating the British nation from its imperial outposts by naming traits that set off the rulers from the ruled; although race was one of these traits, it was by no means the distinguishing one. In the fiction of the time, non-European characters could still be "redeemed" by baptism or conversion and the British nation could embrace its mixed-race progeny. In Wheeler's eighteenth century we see the coexistence of two systems of racialization and to detect a moment when an older order, based on the division between Christian and heathen, gives way to a new one based on the assertion of difference between black and white.

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