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Soggetti	Optical data processing Radiology Pattern recognition Computer simulation Image Processing and Computer Vision Imaging / Radiology Pattern Recognition Computer Imaging, Vision, Pattern Recognition and Graphics Simulation and Modeling
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Nota di contenuto	Virtual Clinical Trials for the Assessment of Novel Breast Screening Modalities -- Computer-Aided Diagnosis for B-Mode, Elastography and Automated Breast Ultrasound -- Measurement and Clinical Use of Breast Density -- Low-Dose Molecular Breast Imaging - Diagnostic and Screening Applications in Women with Dense Breasts -- Will New Technologies Replace Mammography CAD as We Know It? -- Advanced Telecommunications in Breast Imaging – Streamlining Telemammography, Telepathology and Teleoncology Services to Improve Patient Care -- Predicting the Benefit of Using CADe in Screening Mammography -- Modeling Breast Cancer Screening Outcomes -- The Impact of Introducing Full Field Digital Mammography into a Screening Programme -- Fully Automated Nipple

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Automated Volume Analysis of Dynamic Contrast-Enhanced Breast (DCEB) MRI in Evaluation of Response to Neoadjuvant Chemotherapy (NAC) -- Clinical Efficacy of Novel Image Processing Techniques in the Framework of Filtered Back Projection (FBP) with Digital Breast Tomosynthesis (DBT) -- Assessment Schemes with Full Field Digital Mammography -- Predicting Triple-Negative Breast Cancer and Axillary Lymph Node Metastasis Using Diagnostic MRI -- Understanding the Role of Correct Lesion Assessment in Radiologists' Reporting of Breast Cancer -- Realistic Simulation of Breast Tissue Microstructure in Software Anthropomorphic Phantoms -- A Virtual Human Breast Phantom Using Surface Meshes and Geometric Internal Structures -- Characterisation of Screen Detected and Simulated Calcification Clusters in Digital Mammograms -- Development of a Micro-Simulation Model for Breast Cancer to Evaluate the Impacts of Personalized Early Detection Strategies -- Modelling Vascularity in Breast Cancer and Surrounding Stroma Using Diffusion MRI and Intravoxel Incoherent Motion -- Monte Carlo Modeling of the DQE of a-Se X-Ray Detectors for Breast Imaging -- kVp Tool for Digital Mammography Using Commercial Metallic Foils -- Possibility of Exposure Dose Reduction in Contrast Enhanced Spectral Mammography Using Dual Energy Subtraction Technique: A Phantom Study -- A Protocol for Quality Control Testing for Contrast-Enhanced Dual Energy Mammography Systems -- Trends in Mammogram Image Quality, Dose and Screen-Detected Cancer Rates in an Organized Screening Mammography Program -- Power Spectrum Analysis of an Anthropomorphic Breast Phantom Compared to Patient Data in 2D Digital Mammography and Breast Tomosynthesis -- Contrast-Enhanced Digital Mammography Image Quality Evaluation in the Clinic -- BREAST: A Novel Strategy to Improve the Detection of Breast Cancer -- A Regional Web-Based Automated Quality Control Platform -- A European Protocol for Technical Quality Control of Breast Tomosynthesis Systems -- Conventional Mammographic Image Generation Method with Increased Calcification Sensitivity Based on Dual-Energy -- Development of Mammography System Using CdTe Photon Counting Detector for Exposure Dose Reduction - Study of Effectiveness of the Spectrum by Simulation -- Development of Mammography System Using CdTe Photon-Counting Detector for Exposure Dose Reduction - Evaluation of Image Quality in the Prototype System -- Investigation of Dependence on the Object Orientation in Visibility-Contrast Imaging with the X-Ray Talbot-Lau Interferometer -- Development of New Imaging System Based on Grating Interferometry: Preclinical Study in Breast Imaging -- Basic Study on the Development of a High-Resolution Breast CT -- Analysis of Dependence of Detector Position on Detected Scatter Distribution in Dedicated Breast SPECT -- Evaluation of Physical and Psychological Burden of Subjects in Mammography -- Mammographic Image Database (MIDB) and Associated Web-Enabled Software for Research -- Optimizing High Resolution Reconstruction in Digital Breast Tomosynthesis Using Filtered Back Projection -- The Investigation of Different Factors to Optimize the Simulation of 3D Mass Models in Breast Tomosynthesis -- Clinical Evaluation of Dual Mode Tomosynthesis -- Image Quality of Thick Average Intensity Pixel Slabs Using Statistical Artifact Reduction in Breast Tomosynthesis -- Detection of Spiculated Lesions in Digital Mammograms Using a Novel Image Analysis Technique -- Spatial Correlation Analysis of Mammograms for Detection of Asymmetric Findings -- Temporal Breast Cancer Risk Assessment Based on Higher-Order Textons -- Invariant Features for Discriminating Cysts from Solid Lesions in Mammography -- Breast Masses Identification through Pixel-Based

Texture Classification -- Automated Labeling of Screening Mammograms with Arterial Calcifications -- False Positive Reduction in CADe Using Diffusing Scale Space -- Automated Detection of Architectural Distortion Using Improved Adaptive Gabor Filter -- Detecting Abnormal Mammographic Cases in Temporal Studies Using Image Registration Features -- Analysis of Mammographic Microcalcification Clusters Using Topological Features -- Differentiation of Malignant and Benign Masses on Mammograms Using Radial Local Ternary Pattern -- Statistical Temporal Changes for Breast Cancer Detection: A Preliminary Study -- Comparison of Calcification Cluster Detection by CAD and Human Observers at Different Image Quality Levels -- A Novel Image Enhancement Methodology for Full Field Digital Mammography -- Correlation between Topological Descriptors of the Breast Ductal Network from Clinical Galactograms and Texture Features of Corresponding Mammograms -- Breast Volume Measurement Using a Games Console Input Device -- Towards Spatial Correspondence between Specimen and In-vivo Breast Imaging -- SIFT Texture Description for Understanding Breast Ultrasound Images -- Comparison of Methods for Current-to-Prior Registration of Breast DCE-MRI -- A Study on Mammographic Image Modelling and Classification Using Multiple Databases -- Quasi-3D Display of Lesion Locations Simulated by Two Views of Digital Mammography -- A Shearlet-Based Filter for Low-Dose Mammography -- Evaluation of Human Contrast Sensitivity Functions Used in the Nonprewhitening Model Observer with Eye Filter -- It Is Hard to See a Needle in a Haystack: Modeling Contrast Masking Effect in a Numerica.

Sommario/riassunto

This book constitutes the refereed proceedings of the 12th International Workshop on Breast Imaging, IWDM 2014, held in Gifu City, Japan, in June/July 2014. The 24 revised full papers and 73 revised poster papers presented together with 6 invited talks were carefully reviewed and selected from 122 submissions. The papers are organized in topical sections on screening outcomes, ultrasound, breast density, imaging physics, CAD, tomosynthesis and ICT and image processing.

2. Record Nr.	UNINA9910792303303321
Titolo	Taking-place : non-representational theories and geography / / edited by Ben Anderson and Paul Harrison
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Nota di contenuto	Cover; Contents; List of Figures and Table; Notes on Contributors; Acknowledgements; 1 The Promise of Non-Representational Theories; Part I Life; 2 Vitalist Geographies: Life and the More-Than-Human; 3 Forces of Nature, Forms of Life: Calibrating Ethology and Phenomenology; 4 Placing Affective Relations: Uncertain Geographies of Pain; 5 Non-Representational Subjects?; Part II Representation; 6 Representation and Difference; 7 Representation and Everyday Use: How to Feel Things with Words; 8 Language and the Event: The Unthought of Appearing Worlds; 9 Testimony and the Truth of the Other Interlude10 'The 27th Letter': An Interview with Nigel Thrift; Part III Ethics; 11 Thinking in Transition: The Affirmative Refrain of Experience/Experiment; 12 Encountering O/other Bodies: Practice, Emotion and Ethics; 13 'Just Being There ...' : Ethics, Experimentation and the Cultivation of Care; 14 Ethics and the Non-Human: The Matterings of Animal Sentience in the Meat Industry; Part IV Politics; 15

Politics and Difference; 16 Working with Multiples: A Non-Representational Approach to Environmental Issues; 17 Events, Spontaneity and Abrupt Conditions
18 Envisioning the Future: Ontology, Time and the Politics of Non-RepresentationIndex; Index of Names

Sommario/riassunto

Drawing together a range of innovative contributions from leading writers, this is the first book to provide an extensive and in-depth overview of non-representational theories and human geography. The work addresses the core themes of this still developing field, demonstrates the implications of non-representational theories for many aspects of human geographic thought and practice, and highlights areas of emergent critical debate.
