

1. Record Nr.	UNINA9910484950103321
Titolo	Software engineering : international summer schools, ISSSE 2006-2008, Salerno, Italy, revised tutorial lectures / / Andrea De Lucia, Filomena Ferrucci (eds.)
Pubbl/distr/stampa	New York, : Springer, c2009
ISBN	3-540-95888-6
Edizione	[1st ed. 2009.]
Descrizione fisica	1 online resource (IX, 257 p.)
Collana	Lecture notes in computer science ; ; 5413
Classificazione	004 DAT 310f SS 4800 ST 230
Altri autori (Persone)	De LuciaAndrea FerrucciFilomena
Disciplina	005.1
Soggetti	Software engineering Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Software Requirements and Design -- The Future of Software: Adaptation and Dependability -- Autonomic Computing Now You See It, Now You Don't -- Impact of Usability on Software Requirements and Design -- Software Testing and Reverse Engineering -- Service-Oriented Architectures Testing: A Survey -- The PLASTIC Framework and Tools for Testing Service-Oriented Applications -- Architecture Reconstruction -- Management -- Collaboration in Distributed Software Development -- Web Cost Estimation and Productivity Benchmarking -- Knowledge Base and Experience Factory for Empowering Competitiveness.
Sommario/riassunto	Software engineering is widely recognized as one of the most exciting, stimulating, and profitable research areas, with a significant practical impact on the software industry. Thus, training future generations of software engineering researchers and bridging the gap between academia and industry are vital to the field. The International Summer School on Software Engineering (ISSSE), which started in 2003, aims to contribute both to training future researchers and to facilitating the

exchange of knowledge between academia and industry. This volume constitutes a collection of articles originating from tutorial lectures given during the last three ISSSE summer schools, as well as a number of contributions on some of the latest findings in the field of software engineering. The book is organized in three parts on software requirements and design; software testing and reverse engineering; and management.

2. Record Nr.	UNINA9910483791103321
Titolo	Image Analysis and Recognition : 7th International Conference, ICIAR 2010, Póvoa de Varzim, Portugal, June 21-23, 2010, Proceedings, Part II // edited by Aurelio Campilho, Mohamed Kamel
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2010
ISBN	1-280-38733-5 9786613565259 3-642-13775-X
Edizione	[1st ed. 2010.]
Descrizione fisica	1 online resource (XI, 460 p. 275 illus.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics, , 3004-9954 ; ; 6112
Altri autori (Persone)	CampilhoA KamelMohamed
Disciplina	004
Soggetti	Application software Computer programming Computer engineering Computer networks Computer vision Artificial intelligence Pattern recognition systems Computer and Information Systems Applications Programming Techniques Computer Engineering and Networks Computer Vision Artificial Intelligence Automated Pattern Recognition
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>Biomedical Image Analysis -- Automated Vertebra Identification from X-Ray Images -- Towards Non Invasive Diagnosis of Scoliosis Using Semi-supervised Learning Approach -- Articulated Model Registration of MRI/X-Ray Spine Data -- Multimodality Image Alignment Using Information-Theoretic Approach -- Retinal Images: Optic Disk Localization and Detection -- Using Retinex Image Enhancement to Improve the Artery/Vein Classification in Retinal Images -- Automatic Corneal Nerves Recognition for Earlier Diagnosis and Follow-Up of Diabetic Neuropathy -- Fusing Shape Information in Lung Segmentation in Chest Radiographs -- A 3D Tool for Left Ventricle Segmentation Editing -- Myocardial Segmentation Using Constrained Multi-Seeded Region Growing -- A Level Set Segmentation Method of the Four Heart Cavities in Pediatric Ultrasound Images -- Improved Technique to Detect the Infarction in Delayed Enhancement Image Using K-Mean Method -- Detection of Arterial Lumen in Sonographic Images Based on Active Contours and Diffusion Filters -- Classification of Endoscopic Images Using Delaunay Triangulation-Based Edge Features -- A Framework for Cerebral CT Perfusion Imaging Methods Comparison -- Application of the Laplacian Pyramid Decomposition to the Enhancement of Digital Dental Radiographic Images for the Automatic Person Identification -- Automatic Recognition of Five Types of White Blood Cells in Peripheral Blood -- An Application for Semi-automatic HPV Typing of PCR-RFLP Images -- Automatic Information Extraction from Gel Electrophoresis Images Using GEIAS -- Elastography of Biological Tissue: Direct Inversion Methods That Allow for Local Shear Modulus Variations -- Segmentation of Cell Nuclei in Arabidopsis Thaliana Roots -- Optical Flow Based Arabidopsis Thaliana Root Meristem Cell Division Detection -- Biometrics -- The West Pomeranian University of Technology Ear Database -- A Tool for Testing Biometric Algorithms -- Associating Minutiae between Distorted Fingerprints Using Minimal Spanning Tree -- Application of Wave Atoms Decomposition and Extreme Learning Machine for Fingerprint Classification -- Unideal Iris Segmentation Using Region-Based Active Contour Model -- Secure Iris Recognition Based on Local Intensity Variations -- Transforming Rectangular and Polar Iris Images to Enable Cancelable Biometrics -- Advances in EEG-Based Biometry -- Two-Factor Authentication or How to Potentially Counterfeit Experimental Results in Biometric Systems -- Applications -- Automated Detection of Sand Dunes on Mars -- Directional Gaze Analysis in Webcam Video Sequences -- Novelty Detection on Metallic Surfaces by GMM Learning in Gabor Space -- Digital Instrumentation Calibration Using Computer Vision -- Dynamic Scenes HDRI Acquisition -- Correcting Book Binding Distortion in Scanned Documents -- Image-Based Drift and Height Estimation for Helicopter Landings in Brownout -- Can Background Baroque Music Help to Improve the Memorability of Graphical Passwords? -- Color Texture Analysis for Tear Film Classification: A Preliminary Study -- A New Method for Text-Line Segmentation for Warped Documents -- HistDoc - A Toolbox for Processing Images of Historical Documents -- Urban Road Extraction from High-Resolution Optical Satellite Images -- Geometrical Characterization of Various Shaped 3D-Aggregates of Primary Spherical Particules by Radial Distribution Functions.</p>

ICIAR 2010, the International Conference on Image Analysis and Recognition, held in Póvoa do Varzim, Portugal, June 21-23, was seventh in the ICIAR series of annual conferences alternating between Europe and North America. The idea of organizing these conferences was to foster the collaboration and exchange between researchers and scientists in the broad fields of image analysis and pattern recognition, addressing recent advances in theory, methodology and applications. During the years the conferences have become a forum with a strong participation from many countries. This year, ICIAR was organized along with AIS 2010, the International Conference on Autonomous and Intelligent Systems. Both conferences were organized by AIMI--Association for Image and Machine Intelligence. For ICIAR 2010, we received a total of 164 full papers from 37 countries. The review process was carried out by members of the Program Committee and other reviewers; all are experts in various image analysis and pattern recognition areas. Each paper was reviewed by at least two reviewers, and checked by the Conference Chairs. A total of 89 papers were finally accepted and appear in the two volumes of these proceedings. The high quality of the papers is attributed first to the authors, and second to the quality of the reviews provided by the experts. We would like to sincerely thank the authors for responding to our call, and to thank the reviewers for their careful evaluation and feedback provided to the authors. It is this collective effort that resulted in the strong conference program and high-quality proceedings.
