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| Record Nr. | UNINA9910467082803321 |
| Autore | Rofuth Todd W. |
| Titolo | Management and leadership in social work : a competency based approach / / Todd W. Rofuth and Julie M. Piepenbring |
| Pubbl/distr/stampa | New York, NY : , : Springer Publishing Company, , [2020]<br>©2020 |
| ISBN | 0-8261-3068-2 |
| Descrizione fisica | 1 online resource (780 pages) |
| Disciplina | 361.3068 |
| Soggetti | Electronic books. |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Leadership and management theory in social work -- Best leadership and management practices in social work -- Effective communication and marketing the organization for social workers -- Making meetings productive and working with groups for social workers -- Problem solving and decision making in social work -- Developing and motivating staff in social work -- Professional development in leadership and management in social work -- Managing organizational functions for social workers -- Accountability in social work -- Human resource functions in a social work environment -- Supervising staff in a social work environment -- Management information systems and managing technology for social work environments -- Financial management in social work -- Strategic planning in a social work environment -- Designing and assessing programs for social work / by Stephen Monroe Tomczak, Julie Piepenbring, and Todd Rofuth -- Strategic resource development in a social work environment -- Community collaboration for social workers / by Stephen Monroe Tomczak, Julie Piepenbring, and Todd Rofuth. |

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|---|---|
| Titolo | Computer vision in medical imaging / / editor, C.H. Chen |
| Pubbl/distr/stampa | New Jersey : , : World Scientific, , [2014]<br>2014 |
| ISBN | 981-4460-94-X |
| Descrizione fisica | 1 online resource (xiii, 393 pages) : illustrations (some color) |
| Collana | Series in computer vision ; ; volume 2 |
| Disciplina | 006.37 |
| Soggetti | Diagnostic imaging - Data processing<br>Computer vision in medicine |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Description based upon print version of record. |
| Nota di bibliografia | Includes bibliographical references and index. |
| Nota di contenuto | Preface; CONTENTS; Chapter 1 An Introduction to Computer Vision in Medical Imaging Chi Hau Chen; 1. Introduction; 2. Some Medical Imaging Methods; 2.1. X-ray; 2.2. Magnetic Resonance Image (MRI); 2.3. Intravascular Ultrasound (IVUS); 3. Roles of Computer Vision, Image Processing and Pattern Recognition; 4. Active Contours; 4.1. Snakes; 4.2. Level set methods; 4.3. Geodesic active contours; 4.4. Region-based active contours; 4.5. Hybrid evolution method; 4.6. IVUS image segmentation; 5. Concluding Remarks; Acknowledgment; References; Part 1 Theory and Methodologies<br>Chapter 2 Distribution Matching Approaches to Medical Image Segmentation Ismail Ben Ayed1. Introduction; 2. Formulations; 3. Optimization Aspects; 3.1. Specialized optimizers; 3.2. Derivative-based optimizers; 3.2.1. Active curves and level sets; 3.2.2. Line search and trust region methods; 3.3. Bound optimizers; 3.3.1. Graph cuts; 3.3.2. Convex-relaxation techniques; 4. Medical Imaging Applications; 4.1. Left ventricle segmentation in cardiac images; 4.1.1. Example; 4.2. Vertebral-body segmentation in spine images; 4.2.1. Example; 4.3. Brain tumor segmentation; 5. Conclusion and Outlook ReferencesChapter 3 Digital Pathology in Medical Imaging Bikash Sabata, Chukka Srinivas, Pascal Bamford and Gerardo Fernandez; 1. Introduction; A. Subtyping and the role of digital pathology; B. Quantification of IHC markers; C. Tissue and stain variability; D. Rules-based segmentation and identification; E. Learning from image data |

examples; F. Object-based learning models; G. Membrane detection algorithms; H. HER2 Dual ISH slide scoring algorithm; 2. DP Enabled Applications; 3. Multiplexed Quantification; 4. Quantification Algorithms; 5. Summary; Acknowledgment; References
Chapter 4 Adaptive Shape Prior Modeling via Online Dictionary Learning Shaoting Zhang, Yiqiang Zhan, Yan Zhou and Dimitris Metaxas1. Introduction; 2. Relevant Work; 3. Methodology; 3.1. Sparse Shape Composition; 3.2. Shape Dictionary Learning; 3.3. Online Shape Dictionary Update; 4. Experiments; 4.1. Lung Localization; 4.2. Real-time Left Ventricle Tracking; 5. Conclusions; References; Chapter 5 Feature-Centric Lesion Detection and Retrieval in Thoracic Images Yang Song, Weidong Cai, Stefan Eberl, Michael J Fulham and David Dagan Feng; 1. Lesion Detection; 1.1. Review of State-of-the-art
1.2. Region-based Feature Classification1.2.1. Region Type Identification; 1.2.2. Region Type Refinement; 1.2.3. 3D Object Localization; 1.3. Multi-stage Discriminative Model; 1.3.1. Abnormality Detection; 1.3.2. Tumor and Lymph Node Differentiation; 1.3.3. Tumor Region Refinement; 1.3.4. Experimental Results; 1.4. Data Adaptive Structure Estimation; 1.4.1. Initial Abnormality Detection; 1.4.2. Adaptive Structure Estimation; 1.4.3. Feature Extraction and Classification; 1.4.4. Experimental Results; 2. Thoracic Image Retrieval; 2.1. Review of State-of-the-art
2.2. Pathological Feature Description

Sommario/riassunto

The major progress in computer vision allows us to make extensive use of medical imaging data to provide us better diagnosis, treatment and predication of diseases. Computer vision can exploit texture, shape, contour and prior knowledge along with contextual information from image sequence and provide 3D and 4D information that helps with better human understanding. Many powerful tools have been available through image segmentation, machine learning, pattern classification, tracking, reconstruction to bring much needed quantitative information not easily available by trained human specialists.