1. Record Nr.   UNISA996465563903316

   Titolo   Information Processing in Computer Assisted Interventions [[electronic resource]] : Third International Conference, IPCAI 2012, Pisa, Italy, June 27, 2012, Proceedings / / edited by Purang Abolmaesumi, Leo Joskowicz, Nassir Navab, Pierre Jannin

   Pubbl/distr/stampa   Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2012

   ISBN   3-642-30618-7

   Edizione   [1st ed. 2012.]

   Descrizione fisica   1 online resource (XIII, 180 p. 89 illus.)

   Collana   Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 7330

   Disciplina   617.00285

   Soggetti   User interfaces (Computer systems)
                         Optical data processing
                         Computer graphics
                         Pattern recognition
                         Radiology
                         User Interfaces and Human Computer Interaction
                         Image Processing and Computer Vision
                         Computer Graphics
                         Pattern Recognition
                         Computer Imaging, Vision, Pattern Recognition and Graphics
                         Imaging / Radiology

   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.

   Sommario/riassunto   This book constitutes the proceedings of the Third International Conference on Information Processing in Computer-Assisted Interventions IPCAI 2012, held in Pisa, Italy, on June 27, 2012. The 17 papers presented were carefully reviewed and selected from 31 submissions during two rounds of reviewing and improvement. The papers present novel technical concepts, clinical needs and applications as well as hardware, software and systems and their validation. The

main technological focus is on patient-specific modeling and its use in interventions, image-guided and robotic surgery, real-time tracking and imaging.