Record Nr. UNINA9910457986903321 Handbook of medical imaging [[electronic resource]]: processing and **Titolo** analysis / / editor-in-chief, Issac N. Bankman Pubbl/distr/stampa San Diego, Calif., : Academic Press, c2000 **ISBN** 1-281-98202-4 9786611982027 0-12-374636-1 0-08-053310-8 Descrizione fisica 1 online resource (983 p.) Collana Academic Press series in biomedical engineering Altri autori (Persone) Bankmanl. N (Isaac N.) Disciplina 616.07/54 Soggetti Diagnostic imaging - Digital techniques Imaging systems in medicine Electronic books. 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 pt. 1. Enhancement -- pt. 2. Segmentation -- pt. 3. Quantification -pt. 4. Registration -- pt. 5. Visualization -- pt. 6. Compression, storage, and communication. Sommario/riassunto In recent years, the remarkable advances in medical imaging instruments have increased their use considerably for diagnostics as well as planning and follow-up of treatment. Emerging from the fields of radiology, medical physics and engineering, medical imaging no longer simply deals with the technology and interpretation of radiographic images. The limitless possibilities presented by computer science and technology, coupled with engineering advances in signal processing, optics and nuclear medicine have created the vastly expanded field of medical imaging. The Handbook of Medical Imaging<