1. Record Nr. UNINA990005583470403321

Autore	Alinovi, Francesca
Titolo	La fotografia : illusione o rivelazione? / di Francesca Alinovi e Claudio Marra
Pubbl/distr/stampa	Bologna : Il Mulino, c1981
Descrizione fisica	295 p. ; 22 cm
Collana	Quaderni di culturologia ; 3
Disciplina	770.9
Locazione	FLFBC
Collocazione	770.9 ALI 1
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910373906503321

Titolo	Advances in Computer Methods and Geomechanics : IACMAG Symposium 2019 Volume 1 / / edited by Amit Prashant, Ajanta Sachan, Chandrakant S. Desai
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2020
ISBN	981-15-0886-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XIV, 746 p. 429 illus., 253 illus. in color.)
Collana	Lecture Notes in Civil Engineering, , 2366-2565 ; ; 55
Disciplina	551
Soggetti	Engineering geology Geotechnical engineering Mechanics, Applied Solids Geoengineering Geotechnical Engineering and Applied Earth Sciences Solid Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa

Livello bibliografico	Monografia
Nota di contenuto	Earthquake Engineering -- Dynamics of Geomaterials -- Earth Embankments and Dams -- Bridges -- Buildings -- Ground Improvement -- Geosynthetics -- Bio-treatment -- Expansive Soils -- Soft Clays -- Constitutive Modelling -- Geomaterials -- Multi-Scale Modelling -- Micro-Structural Instabilities, Liquefaction -- Chemical and Bio Effects in Geomaterials -- Field/Laboratory Testing.
Sommario/riassunto	This volume presents selected papers from IACMAG Symposium,The major themes covered in this conference are Earthquake Engineering, Ground Improvement and Constitutive Modelling. This volume will be of interest to researchers and practitioners in geotechnical and geomechanical engineering.

3. Record Nr. UNINA9910369949903321

Titolo	Micro-computed Tomography (micro-CT) in Medicine and Engineering / / edited by Kaan Orhan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-16641-4
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (312 pages) : illustrations
Disciplina	616.0757 616.075722
Soggetti	Radiology Dentistry Microtechnology Microelectromechanical systems Biotechnology Aerospace engineering Astronautics Microsystems and MEMS Aerospace Technology and Astronautics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Introduction to Micro-CT Imaging -- Chapter 2: X-ray Imaging: Fundamentals of X-ray -- Chapter 3: Fundamentals of Micro-CT Imaging -- Chapter 4: Artifacts in Micro-CT -- Chapter 5: Application of Bone Morphometry and Densitometry by X-ray Micro-CT to Bone Disease Models and Phenotypes -- Chapter 6: Analysis of Fracture Callus Mechanical Properties Using Micro-CT -- Chapter 7: Micro-CT in Osteoporosis Research -- Chapter 8: Micro-CT in Comparison with Histology in the Qualitative Assessment of Bone and Pathologies -- Chapter 9: Micro-CT in Artificial Tissues -- Chapter 10: Applications of Micro-CT in Soft Tissue Specimen Imaging -- Chapter 11: Applications of Micro-CT in Cardiovascular Engineering and Bio-inspired Design -- Chapter 12: Applications of Micro-CT Technology in Endodontics -- Chapter 13: Micro computed Tomography (Micro-CT) Analysis as a New Approach for Characterization of Drug Delivery Systems -- Chapter 14: Challenges in Micro-CT Characterization of Composites -- Chapter 15: Modeling and Mechanical Analysis Considerations of Structures Based on Micro-CT Data -- Chapter 16: Micro-CT Usage in Materials Science and Aerospace Engineering -- Chapter 17: X-Ray Computed Tomography Technique in Civil Engineering -- Chapter 18: Application of X-Ray Microtomography in Pyroclastic Rocks -- Chapter 19: Detection of Dispersion and Venting Quality in Plastic Composite Granules Using Micro-CT.
Sommario/riassunto	This book focuses on applications of micro CT, CBCT and CT in medicine and engineering, comprehensively explaining the basic principles of these techniques in detail, and describing their increasing use in the imaging field. It particularly highlights the scanning procedure, which represents the most crucial step in micro CT, and discusses in detail the reconstruction process and the artifacts related to the scanning processes, as well as the imaging software used in analysis,. Written by international experts, the book illustrates the application of micro CT in different areas, such as dentistry, medicine, tissue engineering, aerospace engineering, geology, material engineering, civil engineering and additive manufacturing. Covering different areas of application, the book is of interest not only to specialists in the respective fields, but also to broader audience of professionals working in the fields of imaging and analysis, as well as to students of the different disciplines.