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Autore	Laga Hamid
Titolo	3D shape analysis : fundamentals, theory, and applications / / Hamid Laga [and four others]
Pubbl/distr/stampa	Hoboken, NJ, USA : , : Wiley, , 2019
ISBN	1-119-40518-1 1-119-40520-3 1-119-40519-X
Edizione	[1st edition]
Descrizione fisica	1 online resource (346 pages)
Disciplina	006.6/93
Soggetti	Three-dimensional imaging Pattern recognition systems Shapes - Computer simulation Machine learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	An in-depth description of the state-of-the-art of 3D shape analysis techniques and their applications. This book discusses the different topics that come under the title of "3D shape analysis". It covers the theoretical foundations and the major solutions that have been presented in the literature. It also establishes links between solutions proposed by different communities that studied 3D shape, such as mathematics and statistics, medical imaging, computer vision, and computer graphics. The first part of 3D Shape Analysis: Fundamentals, Theory, and Applications provides a review of the background concepts such as methods for the acquisition and representation of 3D geometries, and the fundamentals of geometry and topology. It specifically covers stereo matching, structured light, and intrinsic vs. extrinsic properties of shape. Parts 2 and 3 present a range of mathematical and algorithmic tools (which are used for e.g., global descriptors, keypoint detectors, local feature descriptors, and algorithms) that are commonly used for the detection, registration, recognition, classification, and retrieval of 3D objects. Both also place

strong emphasis on recent techniques motivated by the spread of commodity devices for 3D acquisition. Part 4 demonstrates the use of these techniques in a selection of 3D shape analysis applications. It covers 3D face recognition, object recognition in 3D scenes, and 3D shape retrieval. It also discusses examples of semantic applications and cross domain 3D retrieval, i.e. how to retrieve 3D models using various types of modalities, e.g. sketches and/or images. The book concludes with a summary of the main ideas and discussions of the future trends. 3D Shape Analysis: Fundamentals, Theory, and Applications is an excellent reference for graduate students, researchers, and professionals in different fields of mathematics, computer science, and engineering. It is also ideal for courses in computer vision and computer graphics, as well as for those seeking 3D industrial/commercial solutions.

2. Record Nr.	UNINA9910702931803321
Autore	Lerman Zvi <1941->
Titolo	Turkmenistan : : an assessment of leasehold-based farm restructuring / / Zvi Lerman, Karen Brooks
Pubbl/distr/stampa	Washington, DC : , : World Bank, , [2001] copyright 2001
ISBN	1-280-09814-7 9786610098149
Descrizione fisica	xviii, 68 pages : illustrations ; ; 28 cm
Collana	World Bank technical paper ; ; no. 500. Europe and Central Asia environmentally and socially susstainable development series
Altri autori (Persone)	BrooksKaren McConnell
Disciplina	333.3/1585
Soggetti	Land reform - Turkmenistan
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.