1.	Record Nr.	UNISA996466312503316
	Titolo	Combinatorial Image Analysis [[electronic resource]] : 19th International Workshop, IWCIA 2018, Porto, Portugal, November 22–24, 2018, Proceedings / / edited by Reneta P. Barneva, Valentin E. Brimkov, João Manuel R.S. Tavares
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	3-030-05288-5
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XII, 237 p. 117 illus., 61 illus. in color.)
	Collana	Computer Communication Networks and Telecommunications ; ; 11255
	Disciplina	006.37
	Soggetti	Optical data processing Computer graphics Software engineering Health informatics Management information systems Computer science Special purpose computers Image Processing and Computer Vision Computer Graphics Software Engineering Health Informatics Management of Computing and Information Systems Special Purpose and Application-Based Systems
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Sommario/riassunto	This book constitutes the refereed proceedings of the 19th International Workshop on Combinatorial Image Analysis, IWCIA 2018, held in Porto, Portugal, in November 2018. The 18 revised full papers presented were carefully reviewed and selected from 32 submissions. The papers are grouped into two sections. The first one includes nine papers devoted to theoretical foundations of combinatorial image

analysis, including digital geometry and topology, array grammars, tilings and patterns, discrete geometry in non-rectangular grids, and other technical tools for image analysis. The second part includes nine papers presenting application-driven research on topics such as discrete tomography, image segmentation, texture analysis, and medical imaging.