1.	Record Nr.	UNISALENTO991004263238107536
	Autore	Pithois, Claude
	Titolo	A seventeenth-century exposure of superstition : select texts of Claude Pithoys (1587-1676) / introduction and notes by P. J. S. Whitmore
	Pubbl/distr/stampa	The Hague : Nijhoff, 1972
	ISBN	902471298X
	Descrizione fisica	XLIV, 263 p. ; 24 cm
	Collana	Archives internationales d'histoire des idées = International archives of the history of ideas ; 49
	Altri autori (Persone)	Whitmore, Patrick James Stigant SixtusV <papa>
	Disciplina	133
	Soggetti	Astrologia Demonologia Superstizione - Antologie
	Lingua di pubblicazione	Inglese Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Bibliogr. p. 248-249

2.	Record Nr.	UNINA9910953857003321
	Autore	Jan Jiri
	Titolo	Medical image processing reconstruction and analysis : concepts and methods / / Jiri Jan
	Pubbl/distr/stampa	[Place of publication not identified] : , : CRC Press, , 2019
	ISBN	1-351-38790-1 1-315-14369-0 1-351-38791-X
	Edizione	[Second edition.]
	Descrizione fisica	1 online resource (599 pages)
	Collana	Signal Processing and Communications ; ; 2
	Disciplina	616.07/54
	Soggetti	Diagnostic imaging MEDICAL / Biotechnology TECHNOLOGY / Electricity SCIENCE / Research & Methodology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	PART I Images as Multidimensional Signals Chapter 1 Analogue (Continuous-Space) Image Representation Chapter 2 Digital Image Representation PART II Imaging Systems as Data Sources Chapter 3 Planar X-Ray Imaging Chapter 5 Magnetic Resonance Imaging Chapter 6 Nuclear Imaging Chapter 7 Ultrasonography Chapter 8 Other Modalities PART III Image Processing and Analysis Chapter 9 Reconstructing Tomographic Images Chapter 10 Image Fusion Chapter 11 Image Enhancement Chapter 12 Image Restoration Chapter 13 Lower-Level Image Analysis Chapter 14 Selected Higher-Level Image Analysis Methods Chapter 15 Medical Image Processing Environment
	Sommario/riassunto	Differently oriented specialists and students involved in image processing and analysis need to have a firm grasp of concepts and methods used in this now widely utilized area. This book aims at being a single-source reference providing such foundations in the form of theoretical yet clear and easy to follow explanations of underlying generic concepts. Medical Image Processing, Reconstruction and Analysis - Concepts and Methods explains the general principles and methods of image processing and analysis, focusing namely on

applications used in medical imaging. The content of this book is divided into three parts: Part I - Images as Multidimensional Signals provides the introduction to basic image processing theory, explaining it for both analogue and digital image representations. Part II - Imaging Systems as Data Sources offers a non-traditional view on imaging modalities, explaining their principles influencing properties of the obtained images that are to be subsequently processed by methods described in this book. Newly, principles of novel modalities, as spectral CT, functional MRI, ultrafast planar-wave ultrasonography and optical coherence tomography are included. Part III - Image Processing and Analysis focuses on tomographic image reconstruction, image fusion and methods of image enhancement and restoration; further it explains concepts of low-level image analysis as texture analysis, image segmentation and morphological transforms. A new chapter deals with selected areas of higher-level analysis, as principal and independent component analysis and particularly the novel analytic approach based on deep learning. Briefly, also the medical image-processing environment is treated, including processes for image archiving and communication. Features Presents a theoretically exact yet understandable explanation of image processing and analysis concepts and methods Offers practical interpretations of all theoretical conclusions, as derived in the consistent explanation Provides a concise treatment of a wide variety of medical imaging modalities including novel ones, with respect to properties of provided image data