

1. Record Nr.	UNISA996465557003316
Titolo	Information Processing in Medical Imaging [[electronic resource]] : 22nd International Conference, IPMI 2011, Kloster Irsee, Germany, July 3-8, 2011, Proceedings / / edited by Gábor Székely, Horst K. Hahn
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2011
ISBN	3-642-22092-4
Edizione	[1st ed. 2011.]
Descrizione fisica	1 online resource (XXI, 787 p.)
Collana	Image Processing, Computer Vision, Pattern Recognition, and Graphics ; ; 6801
Disciplina	616.07/543
Soggetti	Optical data processing Pattern recognition Artificial intelligence Computer graphics Health informatics Radiology Image Processing and Computer Vision Pattern Recognition Artificial Intelligence Computer Graphics Health Informatics Imaging / Radiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book constitutes the refereed proceedings of the 22nd International Conference on Information Processing in Medical Imaging, IPMI 2011, held at Kloster Irsee, Germany, in July 2011. The 24 full papers and 39 poster papers included in this volume were carefully reviewed and selected from 224 submissions. The papers are organized in topical sections on segmentation, statistical methods, shape analysis, registration, diffusion imaging, disease progression modeling,

and computer aided diagnosis. The poster sessions deal with segmentation, shape analysis, statistical methods, image reconstruction, microscopic image analysis, computer aided diagnosis, diffusion imaging, functional brain analysis, registration and other related topics.

2. Record Nr.	UNINA9910483471903321
Autore	Maciel W. J (Walter Junqueira)
Titolo	Introduction to stellar structure // Walter J. Maciel
Pubbl/distr/stampa	Cham, Switzerland : , : Springer International Publishing AG, , [1999] ©2016
ISBN	3-319-16142-3
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XV, 215 p. 49 illus.)
Collana	Astronomy and Planetary Sciences, , 2366-0082
Disciplina	523.86
Soggetti	Stars - Evolution Stars - Structure
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Physical Properties of the Stars -- Physical Conditions in the Stellar Interior -- The Electron Gas -- The Photon Gas -- Adiabatic Processes in the Stellar Interior -- Polytropes -- Radiative Equilibrium -- Opacity -- Electron Conduction -- Convection -- Thermonuclear Reactions -- Energy Production -- Calculation of the Stellar Structure -- Appendix A: Constants and Units -- Solutions.
Sommario/riassunto	In the first part of this book, the author presents the basic properties of the stellar interior and describes them thoroughly, along with deriving the main stellar structure equations of temperature, density, pressure and luminosity, among others. The process and application of solving these equations is explained, as well as linking these results with actual observations. The second part of the text describes what happens to a star over time, and how to determine this by solving the same equations at different points during a star's lifetime. The fate of various stars is quite different depending on their masses, and this is described

in the final parts of the book. This text can be used for an upper level undergraduate course or an introductory graduate course on stellar physics.
