1.	Record Nr.	UNINA9910257434403321
	Titolo	Knowledge-Based Systems in Astronomy [[electronic resource] /] / edited by Andre HECK, Fionn Murtagh
	Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1989
	ISBN	3-540-46139-6
	Edizione	[1st ed. 1989.]
	Descrizione fisica	1 online resource (IV, 284 p. 38 illus.)
	Collana	Lecture Notes in Physics, , 0075-8450 ; ; 329
	Disciplina	520
	Soggetti	Observations, Astronomical Astronomy—Observations Astrophysics Geophysics Artificial intelligence Astronomy, Observations and Techniques Astrophysics and Astroparticles Geophysics/Geodesy Artificial Intelligence
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di contenuto	Artificial intelligence applications for Hubble Space Telescope operations -- Knowledge based telescope scheduling -- Survey work with automated data analysis -- Distributed point-pattern matching -- Decision problems in the search for periodicities in gamma-ray astronomy. How can A.I. help? -- Classification and knowledge -- WOLF — A computer expert system for sunspot classification and solar flare prediction -- Knowledge based classification of galaxies -- Classification of IUE spectra: A rule based approach -- Representation of knowledge using Fuzzy set theory -- An approach to heuristic exploitation of astronomers' knowledge in automatic interpretation of optical pictures -- Connectionism and neural networks -- Applications of AI in astronomy: A view towards the future.
	Sommario/riassunto	This book gives a synthesis of the state of the art in artificial intelligence in astronomy and astrophysics, presents its current

applications and points out directions of future work. The individual chapters report on the application of artificial intelligence techniques for large astronomical surveys, for processing cosmic ray data, for facilitating data reduction using image processing systems, for telescope scheduling, for observatory ground support operations, for observation proposal preparation assistance, and for scientific applications such as stellar spectral and galaxy morphology classification. The new field of connectionism (neural networks) is also surveyed. The book is designed to be self-contained: a glossary of terms used in this area is provided and an index of terms, acronyms and proper names completes the book.

2.	Record Nr.	UNINA9910146304003321
	Titolo	Organizações rurais & agroindustriais
	Pubbl/distr/stampa	[Lavra, MG, Brasil], : [Universidade Federal de Lavras, Departamento de Administração e Economia]
	ISSN	2238-6890
	Descrizione fisica	1 online resource
	Soggetti	Rural development - Brazil Rural development - Brazil - Management Sociology, Rural - Brazil Rural development Rural development - Management Sociology, Rural Periodicals. Brazil
	Lingua di pubblicazione	Portoghese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Refereed/Peer-reviewed