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Soggetti	Stars - Evolution Electronic books.
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Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Evolution of Stars and Stellar Populations; Contents; Preface; 1 Stars and the Universe; 1.1 Setting the stage; 1.2 Cosmic kinematics; 1.2.1 Cosmological redshifts and distances; 1.3 Cosmic dynamics; 1.3.1 Histories of R(t); 1.4 Particle- and nucleosynthesis; 1.5 CMB fluctuations and structure formation; 1.6 Cosmological parameters; 1.7 The inflationary paradigm; 1.8 The role of stellar evolution; 2 Equation of State of the Stellar Matter; 2.1 Physical conditions of the stellar matter; 2.1.1 Fully ionized perfect gas; 2.1.2 Electron degeneracy; 2.1.3 Ionization; 2.1.4 Additional effects 3 Equations of Stellar Structure3.1 Basic assumptions; 3.1.1 Continuity of mass; 3.1.2 Hydrostatic equilibrium; 3.1.3 Conservation of energy; 3.1.4 Energy transport; 3.1.5 The opacity of stellar matter; 3.1.6 Energy generation coefficient; 3.1.7 Evolution of chemical element abundances; 3.1.8 Virial theorem; 3.1.9 Virial theorem and electron degeneracy; 3.2 Method of solution of the stellar structure equations; 3.2.1 Sensitivity of the solution to the boundary conditions; 3.2.2 More complicated cases; 3.3 Non-standard physical processes; 3.3.1 Atomic diffusion and radiative levitation

3.3.2 Rotation and rotational mixings  
4 Star Formation and Early Evolution; 4.1 Overall picture of stellar evolution; 4.2 Star formation; 4.3 Evolution along the Hayashi track; 4.3.1 Basic properties of homogeneous, fully convective stars; 4.3.2 Evolution until hydrogen burning ignition; 5 The Hydrogen Burning Phase; 5.1 Overview; 5.2 The nuclear reactions; 5.2.1 The p-p chain; 5.2.2 The CNO cycle; 5.2.3 The secondary elements: the case of  $(^2\text{H})$  and  $(^3\text{He})$ ; 5.3 The central H-burning phase in low main sequence (LMS) stars; 5.3.1 The Sun 5.4 The central H-burning phase in upper main sequence (UMS) stars  
5 The dependence of MS tracks on chemical composition and convection efficiency; 5.6 Very low-mass stars; 5.7 The mass-luminosity relation; 5.8 The Schonberg-Chandrasekhar limit; 5.9 Post-MS evolution; 5.9.1 Intermediate-mass and massive stars; 5.9.2 Low-mass stars; 5.9.3 The helium flash; 5.10 Dependence of the main RGB features on physical and chemical parameters; 5.10.1 The location of the RGB in the H-R diagram; 5.10.2 The RGB bump luminosity; 5.10.3 The luminosity of the tip of the RGB  
5.11 Evolutionary properties of very metal-poor stars  
6 The Helium Burning Phase; 6.1 Introduction; 6.2 The nuclear reactions; 6.3 The zero age horizontal branch (ZAHB); 6.3.1 The dependence of the ZAHB on various physical parameters; 6.4 The core He-burning phase in low-mass stars; 6.4.1 Mixing processes; 6.5 The central He-burning phase in more massive stars; 6.5.1 The dependence of the blue loop on various physical parameters; 6.6 Pulsational properties of core He-burning stars; 6.6.1 The RR Lyrae variables; 6.6.2 The classical Cepheid variables; 7 The Advanced Evolutionary Phases  
7.1 Introduction

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Sommario/riassunto

Evolution of Stars and Stellar Populations is a comprehensive presentation of the theory of stellar evolution and its application to the study of stellar populations in galaxies. Taking a unique approach to the subject, this self-contained text introduces first the theory of stellar evolution in a clear and accessible manner, with particular emphasis placed on explaining the evolution with time of observable stellar properties, such as luminosities and surface chemical abundances. This is followed by a detailed presentation and discussion of a broad range of related techniques, that are widely

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2. Record Nr.	UNISA996201671103316
Autore	Weiershäuser Frauke
Titolo	Die königlichen Frauen der III : Dynastie von Ur // Frauke Weiershauser
Pubbl/distr/stampa	Universitätsverlag Göttingen, 2008 Göttingen : , : Universitätsverlag Göttingen, , 2008 ©2008
Descrizione fisica	1 online resource (342 pages) : digital, PDF file(s)
Collana	Open Access e-Books Knowledge Unlatched Göttinger Beiträge zum Alten Orient, , 1866-2595 ; ; Band 1
Disciplina	305.40956
Soggetti	Women - Middle East - History Iraq Civilization To 634 Ur (Extinct city) Kings and rulers Babylonia Kings and rulers
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Revision of the author's thesis (doctoral)--Universitat, Göttingen, 2004.
Nota di bibliografia	Includes bibliographical references (pages [297]-315) and indexes.
Sommario/riassunto	The kings of the III. Dynasty of Ur (2112-2004 BC) were always married with several women at a time, of which only one woman took the position of a queen. Among the large number of economic documents of that period, which give a detailed insight into the state economy and administration, more than 1,000 articles relating to transactions of the royal consorts can be assigned. All women of the rulers of Ur were active in business and administration, they were involved in the cult on several occasions and involved in the complex structures of court life. This work investigates in the sources in which functions and activities the royal women were involved and by which degree the posts of a Queen of Ur were different from that of a concubine. In four discourses the situation of the royal women of the Ur III period is compared with the women of the ruling houses in Ebla and the Early Dynastic Akkade (Akkadezeit).

