1. Record Nr. UNISA990001043020203316

Titolo	Ottocento italiano : opere e mercato di pittori e scultori
Pubbl/distr/stampa	Milano : Fenice 2000
Descrizione fisica	volumi : ill. ; 29 cm
Collana	I cataloghi d'arte della Fenice
Disciplina	759.5075
Soggetti	Pittura italiana - Sec. 19. - Quotazioni - Periodici Scultura italiana - Sec. 19. - Quotazioni - Periodici
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Comincia nel 1994. - Descrizione basata su: 2(1995)

2. Record Nr. UNINA9910789214203321

Autore	Kippenhahn Rudolf
Titolo	Stellar Structure and Evolution [[electronic resource] /] / by Rudolf Kippenhahn, Alfred Weigert
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1990
ISBN	3-642-61523-6
Edizione	[1st ed. 1990.]
Descrizione fisica	1 online resource (XVI, 468 p. 7 illus.)
Collana	Astronomy and Astrophysics Library, , 0941-7834
Disciplina	523.8
Soggetti	Observations, Astronomical Astronomy—Observations Astrophysics Astronomy, Observations and Techniques Astrophysics and Astroparticles
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	I The Basic Equations -- 1. Coordinates, Mass Distribution, and Gravitational Field in Spherical Stars -- 2. Conservation of Momentum -- 3. The Virial Theorem -- 4. Conservation of Energy -- 5. Transport of Energy by Radiation and Conduction -- 6. Stability Against Local, Non-spherical Perturbations -- 7. Transport of Energy by Convection -- 8. The Chemical Composition -- II The Overall Problem -- 9. The Differential Equations of Stellar Evolution -- 10. Boundary Conditions -- 11. Numerical Procedure -- 12. Existence and Uniqueness of Solutions -- III Properties of Stellar Matter -- 13. The Ideal Gas with Radiation -- 14. Ionization -- 15. The Degenerate Electron Gas -- 16. The Equation of State of Stellar Matter -- 17. Opacity -- 18. Nuclear Energy Production -- IV Simple Stellar Models -- 19. Polytropic Gaseous Spheres -- 20. Homology Relations -- 21. Simple Models in the U-V Plane -- 22. The Main Sequence -- 23. Other Main Sequences -- 24. The Hayashi Line -- 25. Stability Considerations -- V Early Stellar Evolution -- 26. The Onset of Star Formation -- 27. The Formation of Protostars -- 28. Pre-Main-Sequence Contraction -- 29. From the Initial to the Present Sun -- 30. Chemical Evolution on the Main Sequence -- VI Post-Main-Sequence Evolution -- 31. Evolution Through Helium Burning — Massive Stars -- 32. Evolution Through Helium Burning — Low-Mass Stars -- 33. Later Phases -- 34. Final Explosions and Collapse -- VII Compact Objects -- 35. White Dwarfs -- 36. Neutron Stars -- 37. Black Holes -- VIII Pulsating Stars -- 38. Adiabatic Spherical Pulsations -- 39. Non-adiabatic Spherical Pulsations -- 40. Non-radial Stellar Oscillations -- IX Stellar Rotation -- 41. The Mechanics of Rotating Stellar Models -- 42. The Thermodynamics of Rotating Stellar Models -- 43. The Angular-Velocity Distribution in Stars -- References.
Sommario/riassunto	The attempt to understand the physics of the structure of stars and their change in time - their evolution - has been bothering many physicists and astronomers ever since the last century. This long chain of successful research is well documented not only by numerous papers in the corresponding journals but also by a series of books. Some of them are so excellently written that despite their age they can still be recommended, and not only as documents of the state of the art at that time. A few outstanding examples are the books of R. Emden (1907), A. S. Eddington (1926), S. Chandrasekhar (1939), and M. Schwarzschild (1958). But our science has rapidly expanded in the last few decades, and new aspects have emerged which could not even be anticipated, say, 30 years ago and which today have to be carefully explored. This does not mean, however, that our ambition is to present a complete account of the latest and most refined numerical results. This can well be left to the large and growing number of excellent review articles. The present book is intended rather to be a textbook that will help students and teachers to understand these results as far as possible and present them in a simple and clear manner. We know how difficult this is since we ourselves have tried for the largest part of our scientific career to understand "how the stars work" - and then to make others believe it.

3. Record Nr. UNINA9910620199103321

Autore	Wang Yanmin
Titolo	Conductive Polymers and Their Composites / / by Yanmin Wang, Wei Feng
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-19-5363-5
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (351 pages)
Collana	Physics and Astronomy Series
Disciplina	620
Soggetti	Polymers Composite materials Chemical detectors Solid state physics Composites Sensors Electronic Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Preparation of conductive polymers -- Nanostructured conductive polymers -- Conductive polymer composite/hybrids -- Conductive polymers and their composites for biological application -- Energy technology based on conductive polymers -- Conductive polymers for sensors -- Application of conductive polymers in electronic devices.
Sommario/riassunto	This book provides a comprehensive overview on the recent significant advancements of conductive polymers and their composites in terms of conductive mechanism, fabrication strategies, important properties, and various promising applications. The corresponding knowledge was systematically compiled in the logical order and demonstrated as seven chapters. The special structure, influencing factors of the conductivity, the charge carrier transport model, the wettability and classical categories of the conductive polymers are narrated. Both conventional and novel strategies undertaken to fabricate the conductive polymers are introduced, as provided the overall master of the progress. In comparison with the bulk counterpart, nanostructured conductive

polymers with different dimensions such as nanospheres, nano-networks, nanotubes and nanowire arrays are produced through distinct methods, thus presenting unique and distinct performance endowed by the nanometer scale. The combination of conductive polymers with other functional materials results in a number of the composites with improved properties by synergistic effect. The superior performance of conductive polymers and their composites greatly facilitates their development toward various important applications in the advanced and sophisticated fields such as biological utilization, energy storage and sensors. Due to their excellent biocompatibility, conductive polymers and their composites stand out to be useful in the biological field including tissue engineering, drug delivery and artificial muscle. To meet the urgent demand of the energy storage, conductive polymers and their composites play an important role in the devices including supercapacitors, solar cells and fuel cells. Finally, development of conductive polymers and their composites in the modern industry is greatly enhanced by their applications in smart sensors such as conductometric sensors, gravimetric sensors, optical sensors, chemical sensors and biosensors. This book has significant value for researchers, graduate students, and engineers carrying out the fundamental research or industrial production of conductive polymers and their composites.