

INTERNATIONAL ASTRONOMICAL UNION  
UNION ASTRONOMIQUE INTERNATIONALE

SYMPOSIUM No. 59

HELD AT MOUNT STROMLO, CANBERRA, AUSTRALIA,  
16-18 AUGUST, 1973

# STELLAR INSTABILITY AND EVOLUTION

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# Stellar Instability And Evolution

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## **Stellar Instability And Evolution:**

**Stellar Instability and Evolution** P. Ledoux, A. Noels, A. W. Rodgers, 1974-11-30 Proceedings of IAU Symposium No 59 held at Mount Stromlo Canberra Australia August 16 18 1973 Stellar Instability and Evolution Paul Ledoux, 1974

*Stellar Instability and Evolution* P. Ledoux, A. Noels, A. W. Rodgers, 1974-11-30 The XXth meeting of the IAU in Australia in 1973 made the venue for the IAU Symposium No 59 on Stellar Instability and Evolution at Mount Stromlo Observatory on August 16 18 a very appropriate one Many of the current and former staff of Mount Stromlo Observatory operated by the Australian National University have specialized in the study of variable stars and it was with considerable pleasure that Mount Stromlo Observatory accepted the responsibility of hosting and making the local arrangements for IAU Symposium No 59 The Scientific Organizing Committee was particularly active in formulating the program and comprised Drs N Baker P Demarque M Feast G Herbig I Iben P Ledoux J Ostriker and E Schatzman The aim of the Committee was to integrate the review and contributed papers on the particular instability mechanisms involved their observational manifestations and their relation to the internal structure of the star as inferred from its evolutionary history The Local Organizing Committee consisted of Miss P Petrie and A W Rodgers *Stellar Physics* G.S. Bisnovatyi-Kogan, 2013-06-29 Stellar Physics is a rather unique book in the growing literature on star formation and evolution Not only does the author a leading expert in the field give a very thorough description of the current knowledge about stellar physics but he handles with equal care the many problems that this field of research still faces A bibliography with well over 650 entries makes this book an unparalleled source of references Stellar Evolution and Stability is the second volume and can be read as can the first volume as a largely independent work It traces in great detail the evolution of the protostar towards the main sequence and beyond this to the last stage of stellar evolution with the corresponding vast range from white dwarfs to the mighty supernovae explosions and blackhole formation The book concludes with special chapters on the dynamical thermal and pulsing stability of stars

*Stellar Instability and Evolution* P. Ledoux, A. Noels, A. W. Rodgers, 1974 **Nuclear Science Abstracts**, 1975-12

Stellar Instability and Evolution, 1974 Journal of the British Interplanetary Society British Interplanetary Society, 1981 Bound with vol 1 1934 is the Society's annual report and list of members 1934 Stellar Instability and Evolution, 1974 Stellar Structure and Evolution Rudolf Kippenhahn, Alfred Weigert, Achim Weiss, 2012-10-31 This long awaited second edition of the classical textbook on Stellar Structure and Evolution by Kippenhahn and Weigert is a thoroughly revised version of the original text Taking into account modern observational constraints as well as additional physical effects such as mass loss and diffusion Achim Weiss and Rudolf Kippenhahn have succeeded in bringing the book up to the state of the art with respect to both the presentation of stellar physics and the presentation and interpretation of current sophisticated stellar models The well received and proven pedagogical approach of the first edition has been retained The book provides a comprehensive treatment of the physics of the stellar interior and the underlying fundamental processes

and parameters The models developed to explain the stability dynamics and evolution of the stars are presented and great care is taken to detail the various stages in a star's life Just as the first edition which remained a standard work for more than 20 years after its first publication the second edition will be of lasting value not only for students but also for active researchers in astronomy and astrophysics

**International Aerospace Abstracts**, 1992 *Stellar Instability and Evolution. International Astronomical Union, Symposium No. 59. Held at Mount Stromlo, Canberra. 16-18 August, 1973* P. Ledoux, A. Noels, A. W. Rodgers, 1974

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**Literature 1974, Part 2** S. Böhme, U. Esser, W. Fricke, U. Güntzel-Lingner, F. Henn, D. Krahn, H. Scholl, G. Zech, 2013-11-11

Astronomy and Astrophysics Abstracts which has appeared in semi annual volumes since 1969 is devoted to the recording summarizing and indexing of astronomical publications throughout the world It is prepared under the auspices of the International Astronomical Union according to a resolution adopted at the 14th General Assembly in 1970 Astronomy and Astrophysics Abstracts aims to present a comprehensive documentation of literature in all fields of astronomy and astrophysics Every effort will be made to ensure that the average time interval between the date of receipt of the original literature and publication of the abstracts will not exceed eight months This time interval is near to that achieved by monthly abstracting journals compared to which our system of accumulating abstracts for about six months offers the advantage of greater convenience for the user Volume 12 contains literature published in 1974 and received before March 15 1975 some older literature which was received late and which is not recorded in earlier volumes is also included Beginning with volume 11 some minor changes of our classification scheme have been made We acknowledge with thanks contributions to this volume by Dr J Bouska who surveyed journals and publications in the Czech language and supplied us with abstracts in English and by the Commonwealth Scientific and Industrial Research Organization CSIRO Sydney for providing titles and abstracts of papers on radio astronomy

**Publications of the Astronomical Institute of the Czechoslovak Academy of Sciences**, 1983 *Evolution of Stars* International Astronomical Union. Symposium, 1991-02-28

Proceedings of the 145th Symposium of the International Astronomical Union held in Zlatni Pjasaci Golden Sands Bulgaria August 27-31 1990

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