



## Stellar Structure and Evolution

By Kippenhahn, Rudolf / Weigert, Alfred

Condition: New. Publisher/Verlag: Springer, Berlin | Thoroughly revised for its 2nd edition, this book presents state-of-the-art coverage of stellar physics, and interprets sophisticated current stellar models. A comprehensive view of the physics of the stellar interior and underlying processes and parameters. | 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,...



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### Reviews

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*This kind of book is every little thing and taught me to looking ahead of time and a lot more. I am quite late in start reading this one, but better then never. I found out this book from my dad and i encouraged this pdf to find out.*

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