Sciences and planetology can learn a lot from this volume. Parts of it can even be used as classroom material. The figures and tables are well-chosen and most of these are very illuminating. Even institutes and individuals who usually buy few books in this field should not hesitate to purchase this one. They will not regret it.

_Free University at Amsterdam_  
_J. W. HOVENIER_


This NATO ASI volume is somewhat unusual in solar physics, since it contains the proceedings of a tutorial ‘Advanced Study Institute’ (held in 1991 at Crieff, Scotland) rather than of an expert workshop. The book is split into four parts: I – Solar Interior, II – Solar and Stellar Atmospheres, III – Solar Instrumentation, IV – Solar and Stellar Activity. The 27 chapters cover much of solar physics and solar-related stellar astrophysics, from nuclear reactions in the solar core to accretion-disk flares. The result is an excellent, up to date and authoritative textbook at the graduate level. Each chapter has much to offer to both senior students and professionals. The book is well produced; I recommend it highly. Unfortunately, it is too expensive to serve the primary readership it is intended for. It is certainly too costly to be owned by graduate students and probably too costly for many libraries.

_Sterrekundig Instituut Utrecht_  
_R. J. RUTTEN_


This volume, reflecting the content of a symposium dedicated to Jorge Sahade, reports on all aspects of interactions between two components of a binary system, as well in early stages of evolution as in advanced stages.

The review papers make up the first half of the volume, whereas the oral and poster contributions are gathered in the second part, arranged according to seven topics (Detached Systems, Algol and Related Systems, Contact Systems, Late-Type Systems, Cataclysmic Variables, Symbiotic Stars and Related Binaries, Binaries in Clusters, the Galactic Halo and the Magellanic Clouds, and Late Stages of Bi-