BOOK REVIEWS


This is a welcome revision of a well-known and very useful textbook. The author comments that much growth has occurred in the fifteen years since the first edition, especially with the advent of CCD detectors. One may add that on the analysis side, studying stellar photospheres progresses fast with the advent of realistic numerical simulations.

For both observation and computation of stellar spectra, this book remains the authoritative text at the undergraduate level and a ready source of useful recipes and references to the observationally oriented specialist. This revision brings it up to date. A must for all astronomical libraries, all stellar spectroscopists and most astrophysics students.

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This book contains all papers presented at a Workshop devoted to the study of 'International Cooperation on Basic Space Science, Basic Space Science in Developing Countries, Solar-Terrestrial, Solar System Science, Space Astronomy and Astrophysics', organized by the Outer Space Affairs Division of the United Nations (UN OSAD), the European Space Agency (ESA), the Indian Space Research Organization (ISRO), in cooperation with the Government of India. The objectives of this Workshop were to promote communication between scientists working in space research, to discuss recent developments in this field, and to address some of the specific problems facing space scientists in developing countries.

The book contains 25 papers which cover the following topics: basic research in developing countries, solar system science, space astronomy and astrophysics, space missions (e.g., recent results from the the Cosmic Background Explorer (COBE)). Moreover, the proceedings contain an important set of conclusions.