



An Introduction to Atmospheric Radiation (Hardback)

By K N Liou, Kuo-Nan Liou

Elsevier Science Publishing Co Inc, United States, 2002.
Hardback. Book Condition: New. 2nd Revised edition. 231 x 155 mm. Language: English . Brand New Book ***** Print on Demand *****. This Second Edition of An Introduction to Atmospheric Radiation has been extensively revised to address the fundamental study and quantitative measurement of the interactions of solar and terrestrial radiation with molecules, aerosols, and cloud particles in planetary atmospheres. It contains 70 per cent new material, much of it stemming from the investigation of the atmospheric greenhouse effects of external radiative perturbations in climate systems, and the development of methodologies for inferring atmospheric and surface parameters by means of remote sensing. Liou's comprehensive treatment of the fundamentals of atmospheric radiation was developed for students, academics, and researchers in atmospheric sciences, remote sensing, and climate modeling. Key features include: balanced treatment of fundamentals and applications; over 170 illustrations to complement the concise description of each subject; and, numerous examples and hands-on exercises at the end of each chapter.



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