



Theoretical Astrophysics: Volume 1, Astrophysical Processes (Theoretical Astrophysics (Paperback))

By T. Padmanabhan

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Review

"This textbook addresses theoretical astrophysics on a level suitable for graduate students and researchers in astrophysics and cosmology. The general topics considered are: order-of-magnitude astrophysics; dynamics; special relativity, electrodynamics, and optics; basics of electromagnetic radiation; statistical mechanics; radiative processes; spectra; neutral fluids; plasma physics; gravitational dynamics; general theory of relativity; and basics of nuclear physics." International Aerospace Abstracts

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