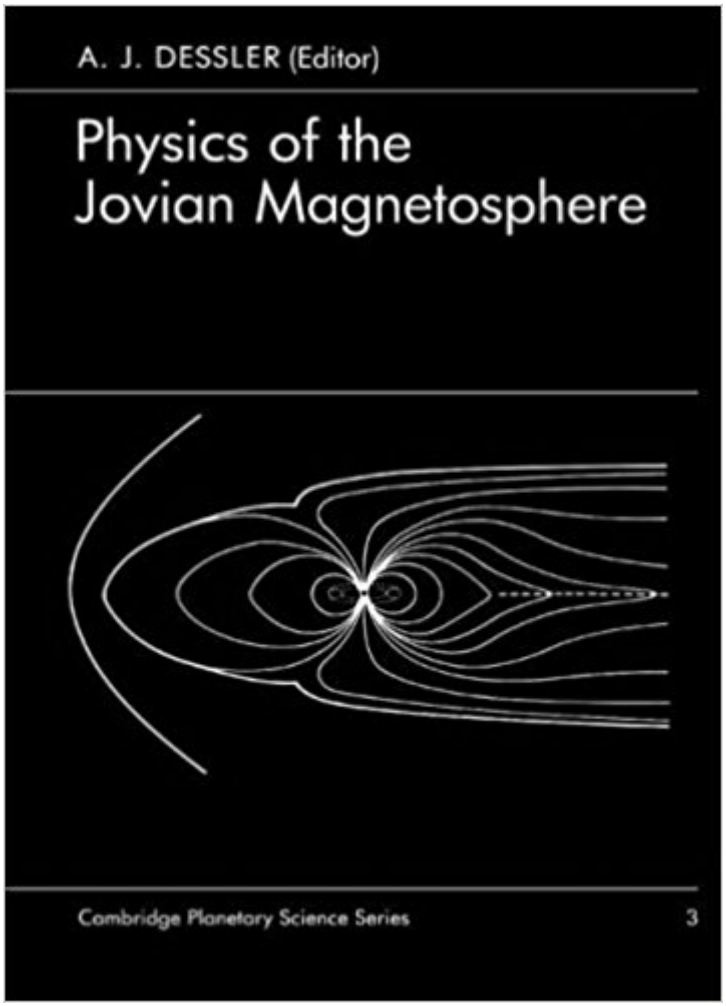
Physics Of The Jovian Magnetosphere (Cambridge Planetary Science Old)



Synopsis

Jupiter’s magnetosphere (the region of space in which Jupiter’s magnetic field influences the motion of charged particles) is the largest object in the solar system; it exhibits new phenomena and behaves, in some respects, like a pulsar. It is a magnetosphere whose physics is dominated by internal sources of plasma and energy. This book consists of twelve carefully interwoven articles written by leading space scientists who summarize our state of knowledge of the physics of the magnetosphere surrounding the planet Jupiter. Ground-based data as well as information from the Pioneer and Voyager spacecraft are used in developing both physical descriptions and theoretical understanding. Physics of the Jovian Magnetosphere is a valuable reference work for those doing research in magnetospheric physics and in a number of related disciplines.

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