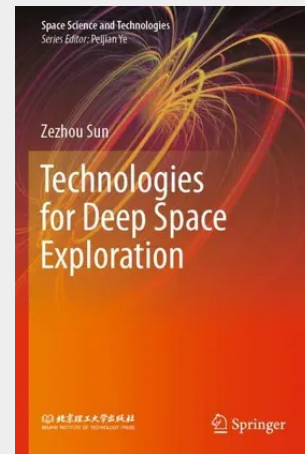


Technologies for Deep Space Exploration

This book offers readers essential insights into system design for deep space probes and describes key aspects such as system design, orbit design, telecommunication, GNC, thermal control, propulsion, aerobraking and scientific payload. Each chapter includes the basic principles, requirements analysis, procedures, equations and diagrams, as well as practical examples that will help readers to understand the research on each technology and the major concerns when it comes to developing deep space probes. An excellent reference resource for researchers and engineers interested in deep space exploration, it can also serve as a textbook for university students and those at institutes involved in aerospace.

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