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Nota di contenuto	Introduction -- Overall Technology of Manned Spacecraft -- General Technology of Cargo Ship -- Design Technology of Space Laboratory System -- Design Technology of Space Station System -- Manned Rendezvous and Docking Technology -- Manned Reentry and Return Technology -- Manned Landing and Recovery Technology -- Emergency Life-Saving Technology -- Technology of Orbital Propellant Refueling -- Technology of the Management and Control of the Combination -- Maintainability Technology of Manned Spacecraft -- Application Technology of Space Manipulator -- Technology of Manned Environmental Control and Life Support -- Technology of Extravehicular Activity.

Sommario/riassunto

This book offers essential information on China's human spacecraft technologies, reviewing their evolution from theoretical and engineering perspectives. It discusses topics such as the design of manned spaceships, cargo spacecraft, space laboratories, space stations and manned lunar and Mars detection spacecraft. It also addresses various key technologies, e.g. for manned rendezvous, docking and reentry. The book is chiefly intended for researchers, graduate students and professionals in the fields of aerospace engineering, control, electronics & electrical engineering, and related areas.
