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Titolo	Out of this world : the new field of space architecture // edited by A. Scott Howe and Brent Sherwood
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (432 p.)
Collana	Library of flight
Altri autori (Persone)	HoweA. Scott SherwoodBrent
Disciplina	629.47
Soggetti	Space stations - Design and construction Extraterrestrial bases - Design and construction Large space structures (Astronautics) - Design and construction Domestic space Architecture, Industrial
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Introduction to space architecture -- pt. 2. Introduction to space architecture -- pt. 3. Planet surface architecture -- pt. 4. Earth-based space architecture.
Sommario/riassunto	This collaborative book compiles thirty chapters on the theory and practice of designing and building inhabited environments in outer space. Given the highly visual nature of architecture, the book is rich in graphics including diagrams, design drawings, digital renderings, and photographs of models and of executed and operational designs. Written by the global network of practicing space architects, the book introduces a wealth of ideas and images explaining how humans live in space now, and how they may do so in the near and distant future. It describes the governing constraints of the hostile space environment, outlines key issues involved in designing orbital and planet-surface architecture, surveys the most advanced space architecture of today, and proposes far-ranging designs for an inspiring future. It also addresses earth-based space architecture: space analogue and mission

support facilities, and terrestrial uses of space technology. In addition to surveying the range of space architecture design, from sleeping quarters to live-in rovers to moon bases and space cities, the book provides a valuable archival reference for professionals. Space enthusiasts, architects, aerospace engineers, and students will find it a fascinating read.
