



Springer

1st
edition1st ed. 2016, XV, 320 p.
179 illus., 139 illus. in color.**Printed book**

Hardcover

Printed book

Hardcover

ISBN 978-3-319-19278-9

£ 129,99 | CHF 177,00 | 149,99 € |
164,99 € (A) | 160,49 € (D)

Available

Discount group

Standard (0)

Product category

Monograph

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Space and Society

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Engineering : Aerospace Technology and Astronautics

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Space Architecture Education for Engineers and Architects

Designing and Planning Beyond Earth

- Provides detailed information on work and design processes for architects and engineers in space technology
- Strives to establish new curricula for the education of future space architects
- Will benefit individuals and organizations responsible for planning transportation and habitat systems in space

This book considers two key educational tools for future generations of professionals with a space architecture background in the 21st century: (1) introducing the discipline of space architecture into the space system engineering curricula; and (2) developing space architecture as a distinct, complete training curriculum. Professionals educated this way will help shift focus from solely engineering-driven transportation systems and "sortie" missions towards permanent off-world human presence. The architectural training teaches young professionals to operate at all scales from the "overall picture" down to the smallest details, to provide directive intention—not just analysis—to design opportunities, to address the relationship between human behavior and the built environment, and to interact with many diverse fields and disciplines throughout the project lifecycle. This book will benefit individuals and organizations responsible for planning transportation and habitat systems in space, while also providing detailed information on work and design processes for architects and engineers.

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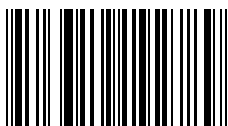
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