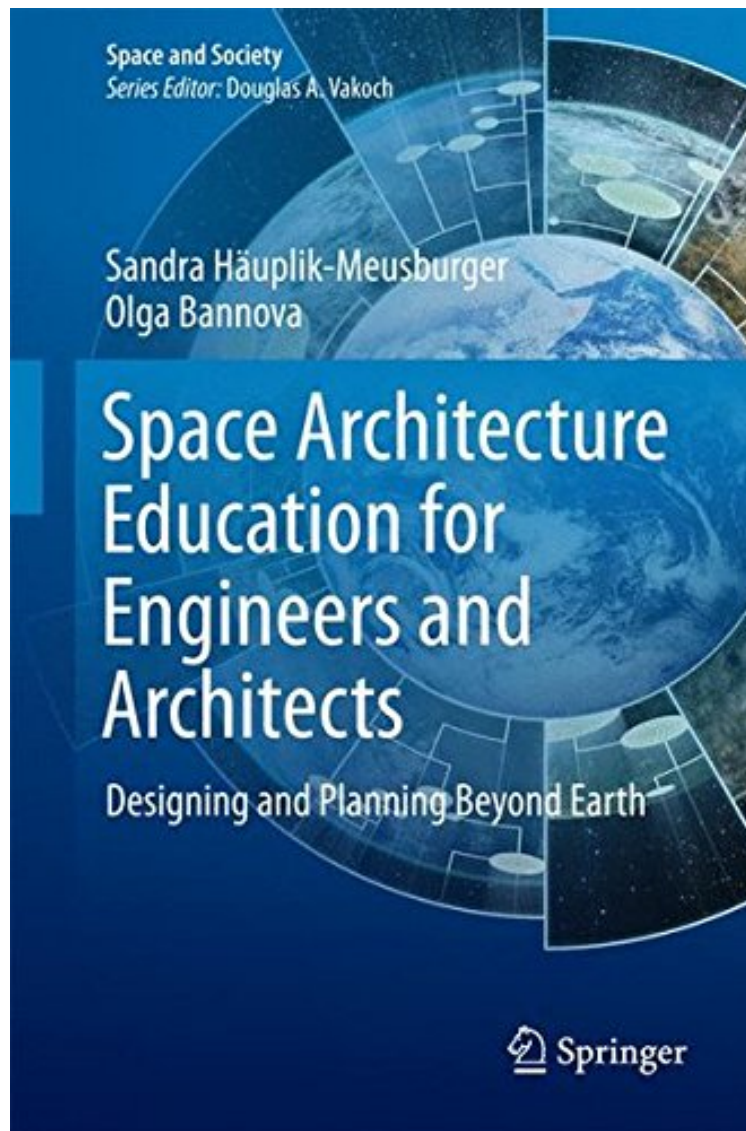


[Read and download] Space Architecture Education for Engineers and Architects: Designing and Planning Beyond Earth (Space and Society)

Space Architecture Education for Engineers and Architects: Designing and Planning Beyond Earth (Space and Society)

Sandra Hüplik-Meusburger, Olga Bannova
DOC | *audiobook | ebooks | Download PDF | ePub



DOWNLOAD



+

READ ONLINE

#1823427 in Books 2016-04-01Original language:EnglishPDF # 1 9.21 x .81 x 6.14l, .0 #File Name:
3319192787320 pages | File size: 74.Mb

**Sandra Hüplik-Meusburger, Olga Bannova : Space Architecture Education for Engineers and Architects:
Designing and Planning Beyond Earth (Space and Society)** before purchasing it in order to gage whether or not it
would be worth my time, and all praised Space Architecture Education for Engineers and Architects: Designing and

Planning Beyond Earth (Space and Society):

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.

From the Back Cover 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.

About the Author Olga Bannova is a Research Associate Professor at the Sasakawa International Center for Space Architecture (SICSA) of the University of Houston. She received a Master of Architecture degree from the University of Houston in 2001 and a Master of Science in Space Architecture in 2005. Olga brings many years of professional architectural practice with Houston and Moscow firms as well as research and teaching experience at the University of Houston. She has been teaching 5th year undergraduate and MS-Space Architecture students at SICSA since 2005. Sandra Huplik-Meusburger is Assistant Professor at the Institute for Architecture and Design at the University of Technology in Vienna. She holds a PhD in architecture from the Technical University Munich (TUM), Institute for Architecture and Product Design, and a MSc from Vienna University of Technology, Institute for Architecture and Design. Sandra Huplik-Meusburger is engaged in teaching architecture in combination with aeronautics and science fiction related topics. She has initiated a number of educational and outreach projects related to aerospace architecture.