

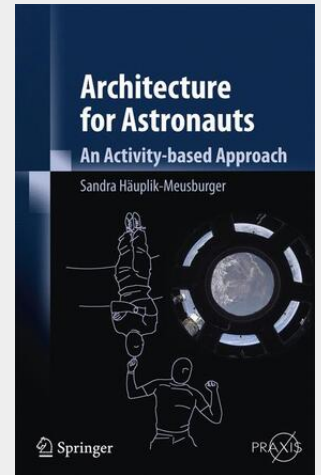
Häuplik-Meusburger

Architecture for Astronauts

An Activity-based Approach

Living and working in extra-terrestrial habitats means being potentially vulnerable to very harsh environmental, social, and psychological conditions. With the stringent technical specifications for launch vehicles and transport into space, a very tight framework for the creation of habitable space is set. These constraints result in a very demanding "partnership" between the habitat and the inhabitant. This book is the result of researching the interface between people, space and objects in an extra-terrestrial environment. The evaluation of extra-terrestrial habitats in comparison to the user's perspective leads to a new framework, comparing these buildings from the viewpoint of human activity. It can be used as reference or as conceptual framework for the purpose of evaluation. It also summarizes relevant human-related design directions. The work is addressed to architects and designers as well as engineers.

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267,49 €

249,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783709106662

Medium: Buch

ISBN: 978-3-7091-0666-2

Verlag: Springer Vienna

Erscheinungstermin: 13.05.2011

Sprache(n): Englisch

Auflage: 2011

Serie: Springer Praxis Books

Produktform: Gebunden

Gewicht: 660 g

Seiten: 316

Format (B x H): 160 x 241 mm

