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Digital Architecture in Contemporary China

Xu Weiguo

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- A comprehensive conclusion of digital architecture in China
- A show of Chinese digital design practice.
- A source of analytical digital architecture technical drawings and construction-completion images that will serve as a rich resource

Digital Architecture employs computer modelling, programing, simulation, and imaging to create both virtual forms and physical structures, and it is becoming increasingly popular in today's architecture landscape the world over.
This book presents the fast-shaping and actively progressing digital architecture scene in China as it discusses the current status and trends in its development, design, and construction, in the different dimensions of digital architecture.
It includes four parts: Theoretical Explorations; Building Practice; Research Projects; and a chronology of digital architecture in China. The first part summarises the understanding and positioning of digital architecture in China from the perspectives of construction, design techniques, and design concepts. The second and third parts provide readers with a wealth of information and resource through many analytical diagrams, technical drawings, and construction and completion images. This book is not only an academic review, but also a lively account of digital architecture in China. This read will feel like a visit to a vivid Chinese digital architecture exhibition, and will be a welcome addition to any architecture reference collection.

Xu Weiguo is a professor and chair in the Architecture Department, School of Architecture in Tsinghua University. He was a visiting scholar at MIT in 2007 and taught in SCI-Arc (Southern California Institute of Architecture) and USC (University of Southern California) in 2011-2012. He studied architecture at Tsinghua University, and then started teaching at the same institution before moving to Japan to work for Murano Mori Architects. He was awarded his doctorate from Kyoto University in Japan. On returning to China, he established his own architectural practice (XWG Studio) in Beijing. He is a representative architect of digital architecture in China.

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