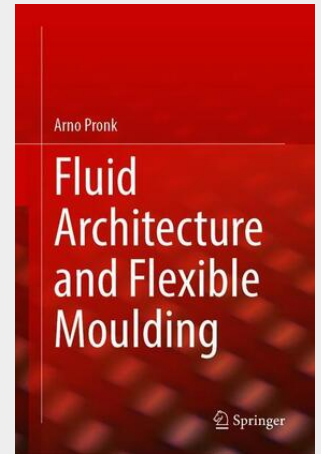


Pronk

Flexible Forming for Fluid Architecture

This book on flexible formwork for fluid architecture is a multi-faceted research that covers a broad field: from design to material and technology, and from history to future developments. It offers a pragmatic approach that can be extended with more cases, materials, techniques and methods for fluid architecture, and provides a better understanding of the main aspects of fluid architecture and to help them find the most suitable combinations of all aspects. The book is a challenging experience with many new discoveries, including two patents: one on moulding of fluid surfaces and one on 3D printing of fibre-reinforced ice. It also features two world records: the largest span (30 meters) and the highest thin shell structure (30,5 meters) in ice as well as a method for the construction of a fully laminated shell structure in insulated glass.



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