



57 Pavilions

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Contributions by Winka Dubbeldam

ISBN	9781940743707
Publisher	ORO Editions
Binding	Paperback / softback
Size	227 mm x 153 mm
Pages	200 Pages
Illustrations	180 color, b&w
Price	£17.95

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57 Pavilions is a 21st-century manual documenting architectural design research at PennDesign examining new potentials for part to whole assemblies where experiments in material expression, morphology, performance and culture fuse with advanced digital design processes and fabrication to produce fullscale architectural consequences. Through the presentation of 54 half-scale pavilion projects and three full-scale pavilions a novel approach is laid out for generating higher ordered physical assemblies. The formations produce a new role of parts, material processes, and aggregations yielding a more autonomous character as discrete objects in a larger assembly. As the pavilion research moves into the world in full-scale installations, these new part-to-whole relationships provoke unexpected engagement with occupants, the environment, and the larger cultural context.

Andrew Saunders is an associate professor in the Architecture Department at PennDesign and maintains a design research practice, Andrew Saunders Architecture + Design. He is the coordinator of graduate Architecture studios and the Pavilion Project at PennDesign. His current practice and research interests lie in computational geometry as it relates to aesthetics, emerging technology, fabrication and performance. He received his Masters in Architecture with Distinction from the Harvard GSD.