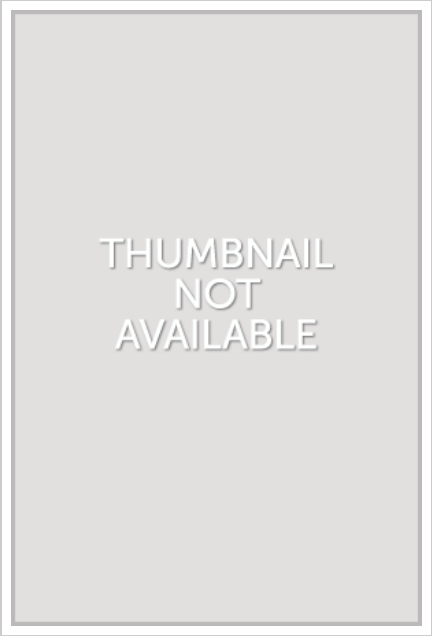


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Digital Fabrications: Architectural and Material Techniques

By Lisa Iwamoto

Princeton Architectural Press. Paperback. Book Condition: New. Paperback. 144 pages. Dimensions: 8.4in. x 6.9in. x 0.5in.Architectural pioneers such as Frank Gehry and Greg Lynn introduced the world to the extreme forms made possible by digital fabrication. It is now possible to transfer designs made on a computer to computer-controlled machinery that creates actual building components. This file to factory process not only enables architects to realize projectsfeaturing complex or double-curved geometries, but also liberates architects from a dependence on off-the-shelf building components, enabling projects of previously unimaginable complexity. Digital Fabrications, the second volume in our new Architecture Briefs series, celebrates the design ingenuity made possible by digital fabrication techniques. Author Lisa Iwamoto explores the methods architects use to calibrate digital designs with physical forms. The book is organized according to five types of digital fabrication techniques: tessellating, sectioning, folding, contouring, and forming. Projects are shown both in their finished forms and in working drawings, templates, and prototypes, allowing the reader to watch the process of each fantastic construction unfold. Digital Fabrications presents projects designed and built by emerging practices that pioneer techniques and experiment with fabrication processes on a small scale with a do-it-yourself attitude. Featured architects include Ammar EloueiniDIGIT-AL...

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