Prefabricated Systems
Principles of Construction

Birkhäuser
Basel
85 | 5 Processes
The example of the automobile industry
Lean Production

87 | System processes

88 | Design
Design systems
Construction systems
Computer-aided design systems

90 | Construction process
On-site construction

92 | Prefabrication

94 | Logistics

94 | Installation on site
Lean production for modular construction
Lean production for component construction

97 | Advantages and problems of systemised processes

98 | 6 The Components: Systems, Modules and Elements

98 | Systems and subsystems

100 | Classification by levels of construction

102 | Classification by construction trades

105 | Degree of prefabrication of the construction

111 | Connections

115 | 7 Future of Building Systems
System building industry
Architect vs. system building
CAD and CAM
Digital Age
Sustainable building and intelligent design
Development potential of system building

Appendix
Selected Bibliography
Authors
Index
Illustration Credits