

8 Foreword

12 **Artificial Intelligence, Another Field**

16 The Post-War Period
20 Expert Systems & AI Winters
24 The Deep Learning Revolution

32 The Advent of Architectural AI

36 Modularity
42 Computer-Aided Design
48 Parametricism
56 Artificial Intelligence

62 AI's Deployment in Architecture

64 Artificial Intelligence 101
82 Urban Scale
86 Floor Plans
90 Facades
94 Perspectives
98 Structures
102 Predictive Simulations

106 The Outlooks of AI in Architecture

108 The Contribution
110 The Form
118 The Context
126 The Performance

134 The Adoption
136 The Practice
146 The Model
162 The Scale

170 The Prospects
172 The Style
180 The Ecology
188 The Language

198 Closing Remarks

203 Image Credits

205 Contributors' Biographies

206 Index