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| Nota di contenuto | Frontmatter -- Preface -- Contents -- 1. Introduction -- 2. Scale Modelling in Architecture -- 3. The Use of Scale Models in Architecture -- 4. Modelling Tools and Materials -- 5. Manufacturing Scale Models & Scale Model Components: Methods and Processes -- 6. Digital Technology Software used for Architectural Modelling -- 7. Tutorials -- Index -- Photo Credits |
| Sommario/riassunto | Making physical models of complex geometric shapes and their multiple structural connections is a major challenge in the age of advanced digital technology and parametric design in architecture. This approach requires new modeling strategies, technology and methods which are covered in this book. Complex geometric forms generated using virtual media can be tested and validated only by means of physical models, which also make it possible to assess their practical application. The complexity of contemporary architectural design requires the mastery of new methods of producing scale models, which opens a new chapter in the field of modeling, and is the focus of this book. Along with the traditional methods that provide the basis for modeling, this book presents the principles of digital NURBS modeling, parametric modeling, digital modeling support, and model creation, complete with a number of tutorials, practical advice and examples found in architectural practice today. |

This book covers new strategies, technology and methods for creating advanced architectural scale models, including the principles of digital NURBS modeling, parametric modeling and model manufacturing. Offers numerous tutorials, examples and practical advice.
