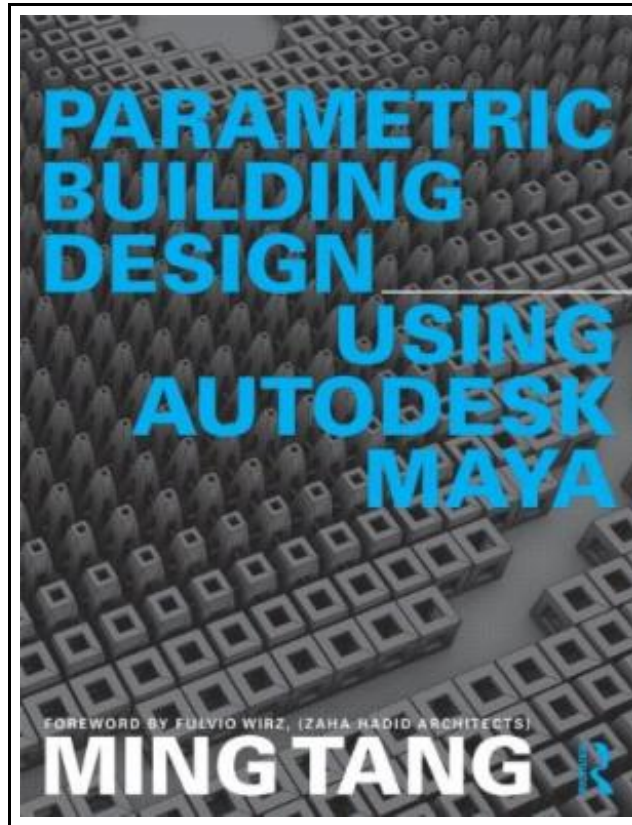# Parametric Building Design Using Autodesk Maya

Filesize: 1.48 MB

Reviews

An extremely wonderful publication with lucid and perfect reasons. It typically will not expense too much. You are going to like the way the blogger compose this publication.
(Prof. Maya Hand)

PARAMETRIC BUILDING DESIGN USING AUTODESK MAYA

Taylor & Francis Ltd. Paperback. Book Condition: new. BRAND NEW, Parametric Building Design Using Autodesk Maya, Ming Tang, Due to its comprehensive tool-set and great potential for 3D modeling, more and more architectural design and interior design firms are adapting Autodesk Maya and integrating it into their practice. There has been no book aimed at architects and designers who wish to harness the opportunities presented by this software, until now.The book promotes parametric design. It integrates the theoretical research of computational design and Maya non-linear modeling techniques associated with simulation, animation, digital fabrication and form-finding within 2D & 3D design. Readers will learn: * How to use Maya polygon and NURBS modeling tools to create non-linear procedural model. * How to use Maya driver keys and relationship tools to generate parametrically negotiable solutions across various design professions. * The design logic and generative processes, as well as the potential of parametric thinking as a resourceful tool for achieving diversity and complexity in form generation and fabrication. * How to use Maya to prepare files for rapid prototyping and the integration of Maya into various fabrication techniques such as laser cutting, CNC milling, and 3D printing. * How to create a digital simulation to simulate all aspects of surface properties and dynamic forces with Maya physics engine. * How to use Maya skeleton system and animation tools to control complex architectural forms. * How to create photo-realistic renderings with Maya lighting, material and texture mapping. Using several real projects as examples, the book will go through the entire rendering process step by step. * How to combine Maya with various CAD/BIM tools to create an efficient design pipeline. * How to use Maya MEL script to create customized tools and interface. The book includes case studies from Zaha Hadid Architects, Greg...

Read Parametric Building Design Using Autodesk Maya Online

Download PDF Parametric Building Design Using Autodesk Maya

Other eBooks

Write Better Stories and Essays: Topics and Techniques to Improve Writing Skills for Students in Grades 6 - 8: Common Core State Standards Aligned (Paperback)

Createspace Independent Publishing Platform, United States, 2012. Paperback. Book Condition: New. 277 x 211 mm. Language: English . Brand New Book ***** Print on Demand *****.Mr. George Smith, a children s book author, has been...

[Save ePub »](#)

Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures) (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and...

[Save ePub »](#)

Depression: Cognitive Behaviour Therapy with Children and Young People (Paperback)

Taylor Francis Ltd, United Kingdom, 2009. Paperback. Book Condition: New. 242 x 174 mm. Language: English . Brand New Book. In recent years there has been an increase in research into childhood depression, and it...

[Save ePub »](#)

Music for Children with Hearing Loss: A Resource for Parents and Teachers (Paperback)

Oxford University Press Inc, United States, 2014. Paperback. Book Condition: New. 228 x 156 mm. Language: English . Brand New Book. Written by an expert in the field who is both a teacher and a...

[Save ePub »](#)

The genuine book marketing case analysis of the the lam light. Yin Qihua Science Press 21.00(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2007-01-01 Pages: 244 Publisher: Science Press Welcome Our service and quality...

[Save ePub »](#)