

The New Mathematics of Architecture



[The New Mathematics of Architecture_ 下载链接1](#)

著者:Burry, Jane; Burry, Mark;

出版者:

出版时间:2012-4

装帧:

isbn:9780500290255

New in paperback, "The New Mathematics of Architecture" is a survey of the most advanced contemporary architectural projects in the world that utilize new applications of mathematics for the digital age. From chaos to topology, from optimization to datascares, architects have been designing and constructing complex, sublime and beautiful buildings that change the way we perceive major structures. This one-of-a-kind survey of 46 international projects, compiled and written by leading experts on architectural mathematics, offers a thorough overview of how recent developments in maths and physics are being applied to architecture through

accessible illustrations, lucid text and hands-on experience. Case studies are presented in detail with a project profile, and include Norman Fosters British Museum roof and Gehry Partners Disney Concert Hall, as well as projects by such renowned architects as Minifie Nixon, Kohn Pedersen Fox and Daniel Libeskind. At a time when architects have fewer opportunities to build and more time to consider the future of architecture, this carefully researched book offers students and practitioners new ways of thinking about the future of designing and building. Vital to the future of architectural dialect an awesome turn-on "Architects Journal". "Inside the subdued cover of this modestly sized book you will find analysis, description and beautiful photographs if architecture is like frozen music then this is a big mash-up of Prog Rock and Stockhausen. And that cannot be a bad thing." ("RIAS Quarterly").

作者介绍:

目录:

[The New Mathematics of Architecture_ 下载链接1](#)

标签

建筑

architecture

建筑理论

参数化

阿七~

设计

数学

mathematics

评论

心血来潮想试着翻译一下数字建构的东西

六个分类surface/chaos/packing/optimazation/topology/datascope，新形式的分类方法非常有力

值得参考

我就看看图

informative intro + summary of geometrical concepts

[The New Mathematics of Architecture 下载链接1](#)

书评

[The New Mathematics of Architecture 下载链接1](#)