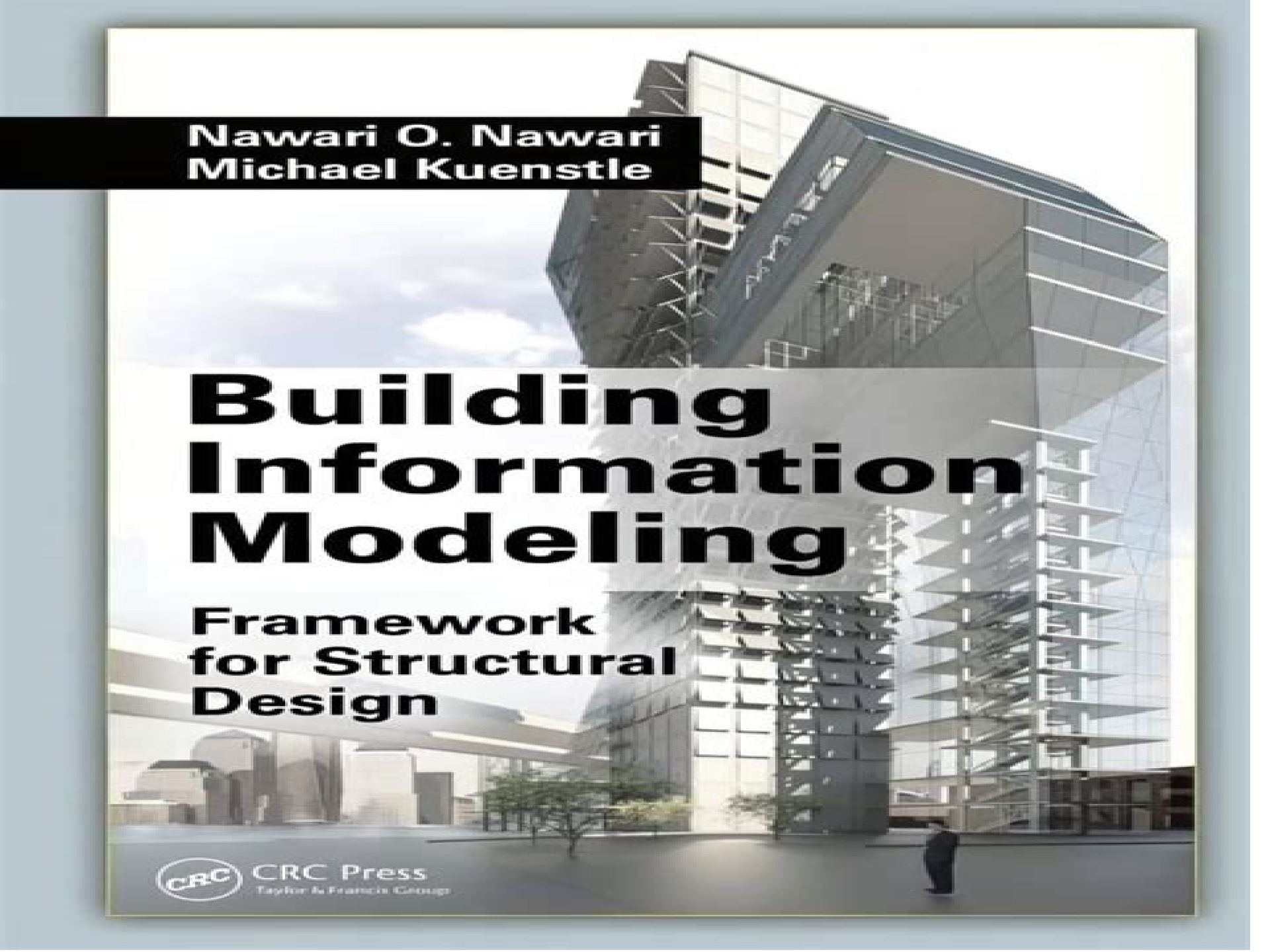




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Michael Kuenstle

Building Information Modeling

**Framework
for Structural
Design**



CRC Press
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Building Information Modeling Framework For Structural Design

Karen Kensek, Douglas Noble



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and engineers who are heavily involved in the French research project Modélisation des Informations Interopérables pour les Infrastructures Durables MINnD as well as in international standardization projects this book presents the challenges of BIM from theoretical and practical perspectives It provides knowledge for evolving in an ecosystem of federated models and common data environments which are the basis of the platforms and data spaces BIM makes it possible to handle interoperability very concretely using open standards which lead to openBIM The use of a platform allows for the merging of business software and for approaches such as a Geographic Information System GIS to be added to the processes In organizations BIM meets the life cycles of structures and circular economy It is not only a technique that reshapes cooperation and trades around a digital twin but can also disrupt organizations and business models

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