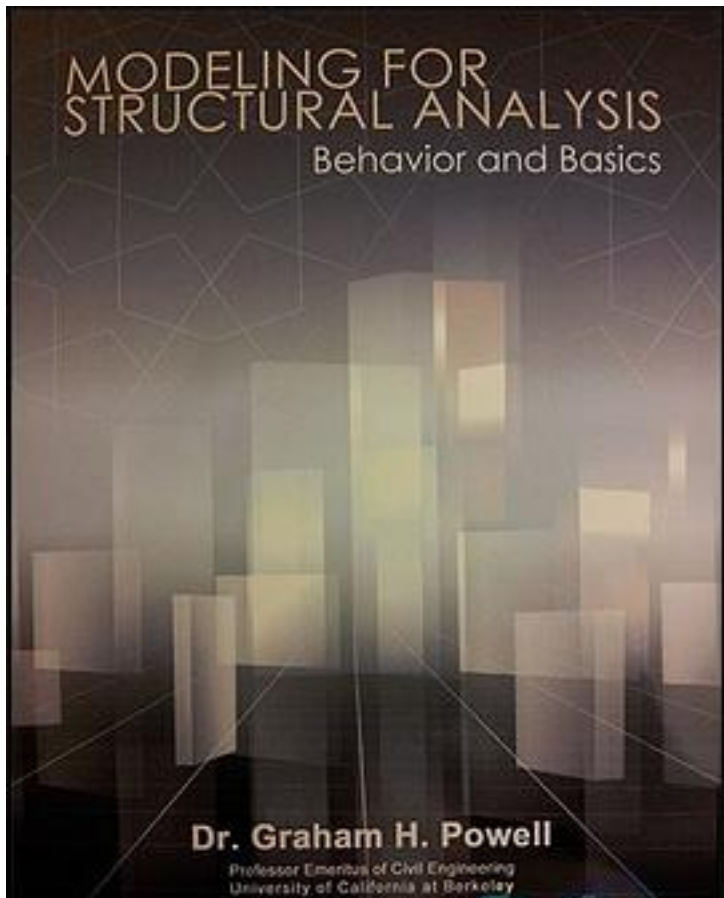


Modeling for Structural Analysis: Behavior and Basics



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著者:G. H. (Graham Harcourt) Powell

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Explains purpose and limitations of structural analysis as tool for designing buildings, other structures. Describes linear and nonlinear behavior of structures and structural components, and how to model this for analysis. Uses physical explanations rather

than formal theory or mathematics. Reference for students, educators, practicing engineers at all levels

作者介绍:

Dr. Powell, Professor Emeritus at the University of California - Berkeley, presents in this new book a common-sense approach for the modern world, where structural analysis is typically done by computer, and where modeling (setting up a useful analysis model) and interpretation (using analysis results to make design decisions) can be more important than analysis theory and computational methods. The book emphasizes behavior, and how this behavior can be modeled for analysis. It shows that structural analysis is at best approximate, and explains how "capacity design" can be used to improve performance.

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标签

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书评

这本书是我读的寥寥无几的几本外文专业书之一，刚开始觉得这中词典般厚度的书我是不会看的，直到有次百无聊赖打开看了一会，首先，真的很通俗易懂，我这英文水平算是够菜的，却也读的进去，现在还没看完，只看了前面一部分，由浅及深，我表示不错。

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