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## Principles of Structure

By Ken Wyatt, Richard Hough

Taylor Francis Ltd, United Kingdom, 2013. Paperback. Book Condition: New. 5th Revised edition. 234 x 152 mm. Language: English . Brand New Book. Since its first publication in 1974, Principles of Structure has established itself at the forefront of introductory texts for students of architecture, building and project management seeking a basic understanding of the behavior and design of building structures. It provides a simple quantitative introduction to structural engineering, while also drawing connections to real buildings that are more complex. Retaining the style and format of earlier editions, this Fifth Edition brings the text and examples into alignment with international practice. It also features six new buildings from around the world, illustrating the principles described in the text. The book begins with a chapter explaining forces and their effects. Other chapters cover ties and struts, loadings, graphical statics, bracings, shears and moments, stresses, deflections, and beam design. There is also an appendix with a fuller explanation of fundamentals for readers unfamiliar with the basic concepts of geometry and statics. The book offers a unique format with right-hand pages containing text and left-hand pages containing complementary commentary including explanations and expansions of points made in the text and worked examples....

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