



Basic Engineering Calculations for Contractors

By August W. Domel

McGraw-Hill Education - Europe, United States, 1997. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.This book helps you make accurate calculations and cut redesign costs dramatically. In this indispensable reference for contractors, project managers, and other construction professionals, you get everything you need to save money by performing engineering calculations yourself with confidence. Complex engineering concepts and calculations are simplified with nontechnical formulas and explanations. And provided with valuable field calculations, you have the number crunching practically done for you. You can avoid expensive redesign fees by calculating changes yourself! Answers to residential construction's most vexing, frequently asked questions - including those on code and regulation compliance - can be found here. Experienced structural/civil engineer August W. Domel, Jr., delivers practical information and guidance on a wide range of topics, from concrete reinforcing to dead, live, snow, and wind loads - beginning with basics and ending with more advanced technical discussions. Main topics covered in this time - and money-saving field reference include: Stresses, tolerances, and loads; Materials, including structural steel, concrete, and wood; Codes, specifications, and recommendations; Steel members, beams, and columns; Wood members, joists, headers, and trusses;...



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