



Structural Engineering Reference Manual

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Professional Publications, Inc., 2011. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The Structural Engineering Reference Manual is the most comprehensive reference and study guide available for engineers preparing for the NCEES 16-hour Structural Engineering (SE) exam. It provides a comprehensive review of structural analysis and design methods related to vertical and lateral forces, illustrates the most useful equations in the exam-adopted codes and standards, and provides guidelines for selecting and applying these equations. The SE exam requires a thorough familiarity with relevant codes, and the Structural Engineering Reference Manual, 6th Edition, provides coverage of the following: AASHTO LRFD Bridge Design (2010) ACI 318 (2008) ACI 530/530.1 (2008) AISC 13th edition (2005) ASCE 7 (2005) IBC (2009) NDS (2005) PCI (2004) The Most Trusted Reference for the SE Exam More than 225 example problems with complete solutions More than 45 end-of-chapter problems with complete solutions More than 700 equations 136 tables, 140 figures, and 8 appendices A complete and easy-to-use index Exam Topics Covered Reinforced Concrete Foundations & Retaining Structures Prestressed Concrete Structural Steel Timber Reinforced Masonry Lateral Forces (Wind & Seismic) Bridges.



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