



California Civil Seismic Principles Solved Problems (Paperback)

By Majid Baradar

Professional Publications Inc, United States, 2019. Paperback. Condition: New. 12th Twelfth Edition, New ed. Language: English. Brand new Book. California Civil Seismic Principles Solved Problems provides comprehensive practice for both the California Civil: Seismic Principles exam and the NCEES Structural Engineering (SE) exam. 360 multiple-choice problems cover all exam subjects, including basic seismology, applications of codes and standards, and design details. The variety of problem types, topics, and complexities is representative of the actual exam. Problems in both qualitative and quantitative formats are included, and solutions use the same codes and standards that will be needed on exam day. Step-by-step procedures are used to solve numerical problems; and, detailed explanations are given for qualitative problems. With California Civil Seismic Principles Solved Problems, you will review seismic principles and common terminology, navigate through the codes and standards, apply seismic concepts to common design problems quickly and confidently. Topics Covered: Codes and Regulatory Provisions, Diaphragm Theory, Details of Structures, Seismology Principles, Referenced Codes and Standards, Building Code Requirements and Specification for Masonry Structures (ACI 530), Building Code Requirements for Structural Concrete (ACI 318), International Building Code (IBC), Minimum Design Loads for Buildings and Other Structures (ASCE/SEI7), National Design Specification for Wood Construction (ASD/LRFD (NDS)), Seismic Provisions for Structural Steel Buildings (AISC 341), Special Design Provisions for Wind...



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