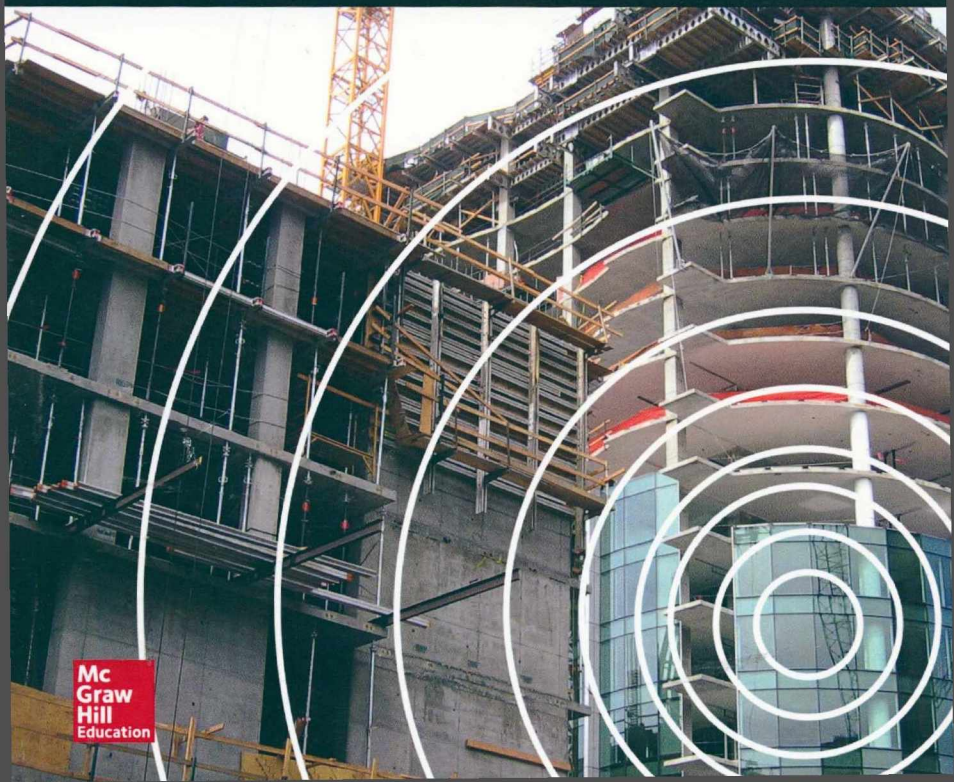


Jack Moehle

Seismic Design of Reinforced Concrete Buildings



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About the Author

Jack Moehle is the T.Y. and Margaret Lin Professor of Engineering in the Department of Civil and Environmental Engineering at the University of California, Berkeley. He received his Ph.D. from the University of Illinois and joined the U.C. Berkeley faculty in 1980. His research and teaching activities are mainly in structural engineering, with emphasis on reinforced concrete and earthquake engineering. He was founding director of the Pacific Earthquake Engineering Research Center, a multi-campus research center that advanced the concepts and practice of performance-based earthquake engineering. As a licensed Civil Engineer in the State of California, Dr. Moehle works regularly as a consulting engineer, offering advice and expert peer review on highway and mass transit systems, water distribution systems, existing construction, and high-rise buildings. He has played a leading role in developing professional guidance and design standards, including *Improved Seismic Design Guidelines for California Highway Bridges* (ATC 32); *Guidelines for Evaluation and Repair of Masonry and Concrete Walls* (FEMA 306); *Guidelines for Seismic Rehabilitation of Buildings* (FEMA 273 and ASCE 356); *Development of Next-Generation Performance-Based Seismic Design Procedures for New and Existing Buildings* (FEMA P-58); and *Guidelines for Performance-Based Seismic Design of Tall Buildings* (Tall Buildings Initiative, PEER). He has served on the Boards of Directors of the Structural Engineers Association of Northern California, the Earthquake Engineering Research Institute, and the American Concrete Institute. His awards include the Lindau Award, the Siess Award, and the Boase Award from the American Concrete Institute; the Huber Research Prize from the American Society of Civil Engineers; the Annual Distinguished Lecturer and Outstanding Paper Award from the Earthquake Engineering Research Institute; and Honorary Member and College of Fellows of the Structural Engineers Association of California. He is an elected member of the U.S. National Academy of Engineering. He has been a member of the ACI 318 Building Code Committee since 1989, chair of ACI 318H (Seismic Provisions) from 1995 to 2014, and is chair of the ACI 318 Building Code Committee for the 2014–2019 code cycle.

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To Melissa,
For time, encouragement, diversions.

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