



NEHRP Seismic Design Technical Brief No. 1



# Seismic Design of Reinforced Concrete Special Moment Frames

## A Guide for Practicing Engineers

### SECOND EDITION

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Jack P. Moehle  
John D. Hooper

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## NEHRP Seismic Design Technical Briefs

National Earthquake Hazards Reduction Program (NEHRP) Technical Briefs are published by the National Institute of Standards and Technology (NIST) as aids to the efficient transfer of NEHRP and other research into practice, thereby helping to reduce the nation's losses resulting from earthquakes.

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### SECOND EDITION

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*U.S. Department of Commerce  
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By  
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## Disclaimers

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**Cover photo**—Reinforced concrete special moment frames under construction.

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