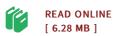




Next-Generation Performance-Based Seismic Design Guidelines - Program Plan for New and Existing Buildings (Fema 445 August 2006)

By Federal Emergency Management Agency U.S.

Createspace. Paperback. Condition: New. This item is printed on demand. 152 pages. Dimensions: 11.0in. x 8.5in. x 0.3in.One of the primary goals of the Department of Homeland Securitys Federal Emergency Management Agency (FEMA) is prevention or mitigation of this countrys losses from hazards that affect the built environment. To achieve this goal, we as a nation must determine what level of performance is expected from our buildings during a severe event, such as an earthquake, blast, or hurricane. To do this, FEMA contracted with the Applied Technology Council (ATC) to develop next-generation performance-based seismic design procedures and guidelines, which would allow engineers and designers to better work with stakeholders in identifying the probable seismic performance of new and existing buildings. These procedures could be voluntarily used to: (1) assess and improve the performance of buildings designed to a building code life safety level, which would, in all likelihood, still suffer significant structural and nonstructural damage in a severe event; and (2) more effectively meet the performance targets of current building codes by providing verifiable alternatives to current prescriptive code requirements for new buildings. Advancement of present-generation performance-based seismic design procedures is widely recognized in the earthquake engineering community as an...



Reviews

Comprehensive information! Its this sort of excellent read. I could possibly comprehended every little thing out of this published e pdf. You wont sense monotony at at any moment of your time (that's what catalogs are for about when you ask me).

-- Prof. Mauricio Howe III

Basically no words and phrases to describe. It is really simplified but unexpected situations in the fifty percent of your book. I am delighted to let you know that here is the very best publication i have got go through within my very own lifestyle and might be he greatest publication for actually.

-- Watson Kohler