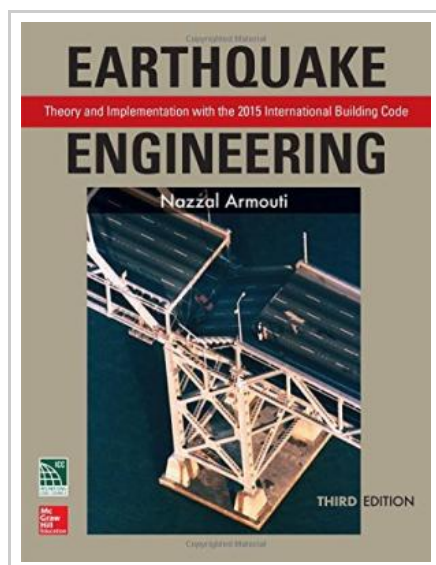




## Earthquake Engineering: Theory and Implementation with the 2015 International Building Code (Hardback)

By Nazzal Armouti

McGraw-Hill Education - Europe, United States, 2015. Hardback. Book Condition: New. 3rd Revised edition. Language: English . Brand New Book. Fully updated coverage of earthquake-resistant engineering techniques, regulations, and codes This thoroughly revised resource offers cost-effective earthquake engineering methods and practical instruction on underlying structural dynamics concepts. Earthquake Engineering, Third Edition, teaches how to analyze the behavior of structures under seismic excitation and features up-to-date details on the design and construction of earthquake-resistant steel and reinforced concrete buildings, bridges, and isolated systems. All applicable requirements are fully explained-including the 2015 International Building Code and the latest ACI, AISC, and AASHTO codes and regulations. Advanced chapters cover seismic isolation, synthetic earthquakes, foundation design, and geotechnical aspects such as liquefaction. Earthquake Engineering, Third Edition, covers:

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- Behavior of structures under seismic excitation
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