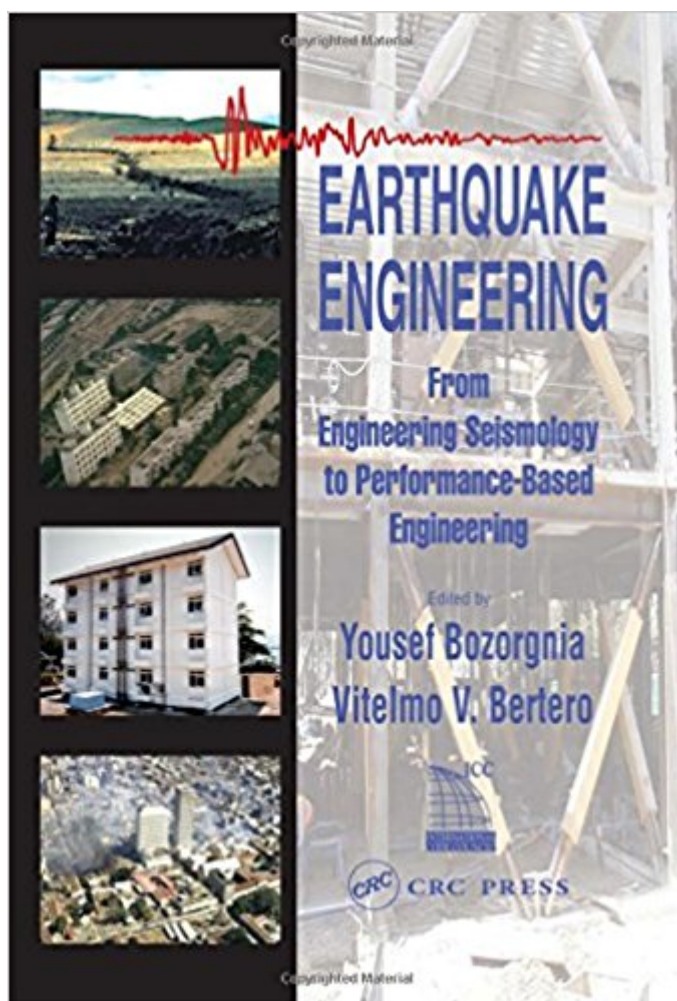


The book was found

Earthquake Engineering: From Engineering Seismology To Performance-Based Engineering



Synopsis

This multi-contributor book provides comprehensive coverage of earthquake engineering problems, an overview of traditional methods, and the scientific background on recent developments. It discusses computer methods on structural analysis and provides access to the recent design methodologies and serves as a reference for both professionals and researchers involved in earthquake engineering. With an entire chapter dedicated to seismic resistant design through supplemental damping and structural control, this volume includes important advances in the characteristics of earthquake ground motions, behavior and design of structures, seismic design of non-structural systems, and more.

Book Information

Hardcover: 1152 pages

Publisher: CRC Press; 1 edition (March 26, 2004)

Language: English

ISBN-10: 0849314399

ISBN-13: 978-0849314391

Product Dimensions: 2.2 x 7.2 x 10 inches

Shipping Weight: 4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #261,825 in Books (See Top 100 in Books) #14 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Seismic Design #50 in Books > Science & Math > Earth Sciences > Seismology #69 in Books > Science & Math > Earth Sciences > Earthquakes & Volcanoes

Customer Reviews

"It is a comprehensive collection, which will serve as a useful guide for instructors, graduate students and practicing engineers." - MCEER Information Service News, July/Aug. 2004 "This encyclopaedic volume edited by the two well-respected experts Vitelmo Bertero and Yousef Bozorgnia provides a wide ranging account of advances in earthquake engineering, The organization of the book is logical and well thought out. The wealth of information contained in the book is unequalled." Intended for instructors, graduate students, and practicing engineers, this volume edited by Bozorgnia and Bertero is undoubtedly a valuable addition to the earthquake risk published literature. The sections at the end of each chapter outlining future challenges are inspiring and will indeed help to stimulate future developments. Bozorgnia and Bertero excel in editing the

huge volume and set their book ahead of the competition from other -multi-author books in earthquake engineering by meticulously planning the contents and adhering to a near-common format. The book is an essential read for engineers and geophysicists interested in earthquake risk." -- Journal of Earthquake Engineering, Vol. 8, No. 6 (2004) 963-964, November 2004.

[Download to continue reading...](#)

Earthquake Engineering: From Engineering Seismology to Performance-Based Engineering Basic
Earthquake Engineering: From Seismology to Analysis and Design Perspectives on Earthquake
Geotechnical Engineering: In Honour of Prof. Kenji Ishihara (Geotechnical, Geological and
Earthquake Engineering) Fire Following Earthquake (American Society of Civil Engineers: Technical
Council on Lifeline Earthquake Engineering Monograph, No. 26) Earthquake: Perspectives on
Earthquake Disasters (Disaster Dossiers) Performance-Based Medicine: Creating the High
Performance Network to Optimize Managed Care Relationships Geotechnical Earthquake
Engineering, Second Edition (Mechanical Engineering) Structural Dynamics of Earthquake
Engineering: Theory and Application Using Mathematica and Matlab (Woodhead Publishing Series
in Civil and Structural Engineering) Computational Seismology: A Practical Introduction Exploration
Seismology Elements of 3-D Seismology An Introduction to the Theory of Seismology Applied
Seismology: A Comprehensive Guide to Seismic Theory and Application Introduction to Volcanic
Seismology (Developments in Volcanology) (Vol 6) An Introduction to Seismology, Earthquakes and
Earth Structure The Earth's Inner Core: Revealed by Observational Seismology Introduction to
Seismology An Introduction to Seismology, Earthquakes and Earth Structure 1st edition by Stein,
Seth, Wyssession, Michael (2002) Paperback Production seismology (Handbook of geophysical
exploration) Seismology and Plate Tectonics

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)