

The book was found

# Seismic Analysis And Design For Soil-Pile-Structure Interactions: Proceedings Of A Session Sponsored By The Committee On Geotechnical Earthquake ... Of Civil (Geotechnical Special Publication)



## Synopsis

Pile foundations are used extensively to support structures in seismic regions around the world. For years, geotechnical engineers have neglected to consider the interaction soil-pile systems have with superstructures; while civil engineers have ignored the interaction of the foundation with the structure. In order to understand a structure's response to dynamic loads, the complete soil-pile-structure interaction must be analyzed. Thus, centrifuge models, shake table models, and analytical methods are used to explore the interactions among soil, piles, and structures.

## Book Information

Series: Geotechnical Special Publication (Book 70)

Paperback: 144 pages

Publisher: Amer Society of Civil Engineers (June 1997)

Language: English

ISBN-10: 0784402876

ISBN-13: 978-0784402870

Product Dimensions: 0.5 x 5.8 x 8.5 inches

Shipping Weight: 6.4 ounces

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,110,252 in Books (See Top 100 in Books) #121 in Books > Engineering & Transportation > Engineering > Civil & Environmental > Seismic Design #163 in Books > Science & Math > Earth Sciences > Geology > Volcanology #426 in Books > Science & Math > Earth Sciences > Seismology

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

Seismic Analysis and Design for Soil-Pile-Structure Interactions: Proceedings of a Session Sponsored by the Committee on Geotechnical Earthquake ... of Civil (Geotechnical Special Publication) Defining Soil Quality for a Sustainable Environment: Proceedings of a Symposium Sponsored by Divisions S-3, S-6, and S-2 of the Soil Science Society (S S S a Special Publication) Tomography of Soil-Water-Root Processes: Proceedings of a Symposium Sponsored by Division S-1 and S-6 of the Soil Science Society of America in Minn (S S S a Special Publication) Geotechnical Earthquake Engineering and Soil Dynamics III: Proceedings of a Specialty Conference August 3-6, 1998 University of Washington Seattle, ... Special Publication)Volumes 1 & 2 Seismic Design and Assessment of Bridges: Inelastic Methods of Analysis and Case Studies: 21 (Geotechnical, Geological and Earthquake Engineering) Methods of Soil Analysis. Part 2.

Microbiological and Biochemical Properties (Soil Science Society of America Book, No 5) (Soil Science Society of America Book Series) Seismic design with supplemental energy dissipation devices (Publication / Earthquake Engineering Research Institute) Underground Gas Storage: Worldwide Experiences and Future Development in the UK and Europe - Special Publication no 313 (Geological Society Special Publication) ASD/LRFD Wind and Seismic: Special Design Provisions for Wind and Seismic with Commentary (2008) Seismic Design Aids for Nonlinear Pushover Analysis of Reinforced Concrete and Steel Bridges (Advances in Earthquake Engineering) Seismic Design of Building Structures: A Professionals Introduction to Earthquake Forces and Design Details Seismic Design of Building Structures: A Professional's Introduction to Earthquake Forces and Design Details, 8th ed. Seismic Stratigraphy, Basin Analysis and Reservoir Characterisation (Handbook of Geophysical Exploration: Seismic Exploration) Geotechnical Earthquake Engineering Geotechnical Earthquake Engineering, Second Edition Wind and Earthquake Resistant Buildings: Structural Analysis and Design (Civil and Environmental Engineering) Response Spectrum Method in Seismic Analysis and Design of Structures (New Directions in Civil Engineering) Top 100 Drug Interactions 2016: A Guide to Patient Management (Hansten, Top 100 Drug Interactions) Special Applications and Advanced Techniques for Crack Size Determination (Astm Special Technical Publication// Stp) The Slush Pile Brigade: An Action-Packed Suspense Thriller (A Nick Lassiter Novel Book 1)

[Dmca](#)