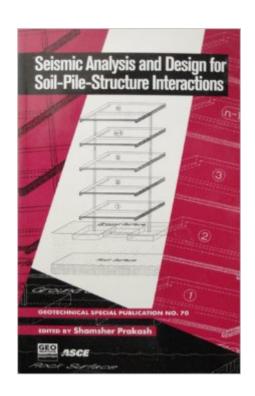
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Seismic Analysis And Design For Soil-Pile-Structure Interactions: Proceedings Of A Session Sponsored By The Committee On Geotechnical Earthquake ... Of Civil (Geotechnical Special Publication)





## **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

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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

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