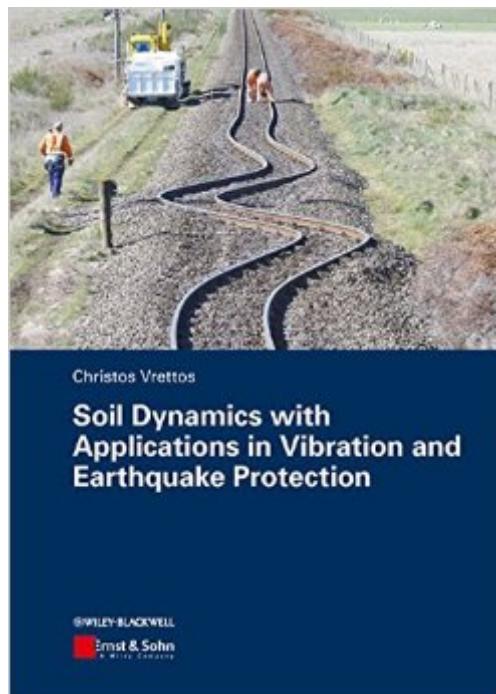


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For numerous geotechnical applications soil dynamics are of special importance. In seismic engineering this affects the stability of dams, slopes, foundations, retaining walls and tunnels, while vibrations due to traffic and construction equipment represent a significant aspect in environmental protection. Foundations for mechanical equipment and cyclically loaded offshore structures are also part of the spectrum of application. This book covers the basics of soil dynamics and building thereon the practical applications in vibration protection and seismic engineering.

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