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Titolo	Basic geotechnical earthquake engineering [[electronic resource] /] / Kamalesh Kumar
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Nota di bibliografia	Includes bibliographical references (p. 132-136) and index.
Nota di contenuto	Cover; Preface; Contents; Chapter 1 Introduction to Geotechnical Earthquake Engineering; Chapter 2 Earthquakes; Chapter 3 Seismic Hazards in India; Chapter 4 Dynamic Soil Properties; Chapter 5 Site Seismicity, Seismic Soil Response and Design Earthquake; Chapter 6 Liquefaction; Chapter 7 Earthquake Resistant Design of Shallow Foundation; Chapter 8 Earthquake Resistant Design of Deep Foundation; Chapter 9 Slope Stability Analyses for Earthquakes; Chapter 10 Retaining Wall Analyses for Earthquakes; Chapter 11 Earthquake Resistant Design of Buildings; References; Index
Sommario/riassunto	About the Book: A basic textbook on geotechnical earthquake engineering. It is lucidly written and is suitable for undergraduate as well as first year postgraduate course in civil engineering with soil mechanics and foundation engineering at undergraduate level as prerequisite. Key Features: Subject matter is organised logically to make it easy and interesting for the students. Emphasis has been given on the basics of geotechnical earthquake engineering. Home work problems have been given at the end of each chapter to test the

understanding of concepts given in the chapter. At the end
