

1. Record Nr.	UNINA9910458002103321
Titolo	Structural damping : applications in seismic response modification // Zach Liang. [et al.]
Pubbl/distr/stampa	Boca Raton : , : CRC Press, , 2012
ISBN	0-429-09343-8 1-280-12167-X 9786613525536 1-4398-1583-6
Descrizione fisica	1 online resource (577 p.)
Collana	Advances in earthquake engineering
Altri autori (Persone)	LiangZach
Disciplina	624.1/762
Soggetti	Earthquake resistant design Damping (Mechanics) Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	A CRC title.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	pt. 1. Vibration systems -- pt. 2. Principles and guidelines for damping control -- pt. 3. Design of supplemental damping.
Sommario/riassunto	Rapid advances have been made during the past few decades in earthquake response modification technologies for structures, most notably in base isolation and energy dissipation systems. Many practical applications of various dampers can be found worldwide and, in the United States, damper design has been included in building codes. The current design process is simple and useful for adding supplemental damping up to a reasonable level-but it is not as useful with higher levels of damping.Taking a different approach, Structural Damping: Applications in Seismic Response Modification considers th