

1.	Record Nr.	UNISA996365350403316
	Titolo	Aisthesis : Pratiche, linguaggi e saperi dell'estetico
	Pubbl/distr/stampa	Firenze : , : Firenze University Press
	Descrizione fisica	1 online resource
	Soggetti	Aesthetics Esthetics Periodicals. Electronic journals.
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
2.	Record Nr.	UNINA9910787646403321
	Titolo	Analysis of piezoelectric structures and devices / / edited by Daining Fang, Ji Wang, Weiqiu Chen
	Pubbl/distr/stampa	Berlin : , : De Gruyter, Higher Education Press, , [2013] ©2013
	ISBN	1-68015-254-8 3-11-029799-X
	Descrizione fisica	1 online resource (328 p.)
	Altri autori (Persone)	ChenWeiqiu FangDaining <1958-> WangJi <1962->
	Disciplina	537/.2446
	Soggetti	Piezoelectric devices Piezoelectricity
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.

Nota di contenuto

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Sommario/riassunto

This edited work covers piezoelectric materials in the form of beams, plates, shells, and other structural components in modern devices and structures. Applications are frequency control and detection functions in resonators, sensors, actuators, oscillations, and other smart and intelligent structures. The products and technology are with us in our daily life through computers and communication devices. The contributions cover novel methods for the analysis of piezoelectric structures including wave propagation, high frequency vibration, material characterization, and optimization of structures. Understanding of these methods is increasingly important in the design and modelling of next generation devices and micro-structures with piezoelectric elements and effects.
