

1.	Record Nr.	UNISA990000974620203316
	Autore	ZAGHENI, Guido
	Titolo	Corso di storia della Chiesa / Guido Zagheni
	Pubbl/distr/stampa	Cinisello Balsamo : San Paolo
	Descrizione fisica	v ; 21 cm
	Disciplina	270.
	Soggetti	Chiesa -- Storia
	Collocazione	XIV COLL. 118/
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910299465703321
	Autore	Rainieri Carlo
	Titolo	Operational Modal Analysis of Civil Engineering Structures : An Introduction and Guide for Applications // by Carlo Rainieri, Giovanni Fabbrocino
	Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
	ISBN	1-4939-0767-0
	Edizione	[1st ed. 2014.]
	Descrizione fisica	1 online resource (340 p.)
	Disciplina	620 620.1 624 624.171
	Soggetti	Vibration Dynamical systems Dynamics Building construction Mechanics Mechanics, Applied Civil engineering Vibration, Dynamical Systems, Control Solid Construction Solid Mechanics Civil Engineering

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 at the end of each chapters and index.
Nota di contenuto	Introduction -- Mathematical Tools for Random Data Analysis -- Data Acquisition -- Data Processing -- Applications -- Automated OMA.
Sommario/riassunto	<p>This book covers all aspects of operational modal analysis for civil engineering, from theoretical background to applications, including measurement hardware, software development, and data processing. In particular, this book provides an extensive description and discussion of OMA methods, their classification and relationship, and advantages and drawbacks. This is the first book on OMA. The authors cover both the well-established theoretical background of OMA methods and the most recent developments in the field, providing detailed examples to help the reader better understand the concepts and potentialities of the technique. Additional material is provided (data, software) to help practitioners and students become familiar with OMA. Covering a range of different aspects of OMA, always with the application in mind, the practical perspective adopted in this book makes it ideal for a wide range of readers from researchers to field engineers; graduate and undergraduate students; and technicians interested in structural dynamics, system identification, and Structural Health Monitoring. This book also: Analyzes OMA methods extensively, providing details on implementation not easily found in the literature Offers tutorial for development of customized measurement and data processing systems for LabView and National Instruments programmable hardware Discusses different solutions for automated OMA Contains many explanatory applications on real structures Provides detail on applications of OMA beyond system identification, such as (vibration based monitoring, tensile load estimation, etc.) Includes both theory and applications .</p>