

1. Record Nr.	UNISALENTO991003236809707536
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Titolo	Modal analysis [e-book] / Jimin He and Zhi-Fang Fu
Pubbl/distr/stampa	Oxford ; Boston : Butterworth-Heinemann, 2001
ISBN	9780750650793 0750650796
Descrizione fisica	xiii, 291 p. : ill. ; 25 cm
Altri autori (Persone)	Fu, Zhi-Fangauthor
Disciplina	624.1
Soggetti	Modal analysis Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Overview of Modal Analysis * Essential Mathematics for Modal Analysis * Basic Vibration Theory * Modal Analysis of a SDOF System * Modal Analysis of an Undamped MDOF System * Modal Analysis of a Damped MDOF System * Frequency Response Function Measurements * Initial Assessment of Measured FRF Data * Modal Analysis Methods - Frequency Domain * Experimental Modal Analysis - Time Domain * Local Structural Modification * Applications of Modal Analysis I * Applications of Modal Analysis II
Sommario/riassunto	This book provides a detailed overview of the theory of analytical and experimental modal analysis and its applications. Modal Analysis is the processes of determining the inherent dynamic characteristics of any system and using them to formulate a mathematical model of the dynamic behavior of the system. In the past two decades it has become a major technological tool in the quest for determining, improving and optimizing dynamic characteristics of engineering structures. Its main application is in mechanical and aeronautical engineering, but it is also gaining widespread use in civil and structural engineering, biomechanical problems, space structures, acoustic instruments and nuclear engineering. The only book to focus on the theory of modal analysis before discussing applications A relatively new technique being utilized more and more in recent years which is now filtering through to undergraduate courses Leading expert in the field

