

1. Record Nr.	UNISALENTO991003231639707536
Autore	Qatu, Mohamad-Subhi Khalil, 1963-
Titolo	Vibration of laminated shells and plates [e-book] / Mohamad S. Qatu
Pubbl/distr/stampa	Amsterdam ; San Diego, CA : Elsevier, c2004
ISBN	9780080442716 0080442714
Edizione	[1st ed.]
Descrizione fisica	xvi, 409 p. : ill. ; 25 cm
Disciplina	624.1776
Soggetti	Shells (Engineering) - Vibration Plates (Engineering) - Vibration Laminated materials - Fatigue Vibration Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. 379-404) and index
Nota di contenuto	1. INTRODUCTION; 2. SHELL THEORIES; 3. METHODS OF ANALYSIS; 4. CURVED BEAMS; 5. PLATES; SHALLOW SHELLS; CYLINDRICAL SHELLS; 8. CONICAL SHELLS; 9. SPHERICAL SHELLS; 10. COMPLICATING EFFECTS; REFERENCES
Sommario/riassunto	Vibrations drive many engineering designs in todays engineering environment. There has been an enormous amount of research into this area of research over the last decade. This book documents some of the latest research in the field of vibration of composite shells and plates filling a much-needed gap in the market. Laminated composite shells have many engineering applications including aerospace, mechanical, marine and automotive engineering. This book makes an ideal reference for researchers and practicing engineers alike. *The first book of its kind * Documents 10 years of research in the field of composite shells. * Many Engineering applications