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Altri autori (Persone)	ChevalierYvon VinhJean Tuong
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. A. Constitutive equations of materials -- pt. B. Rod vibrations.
Sommario/riassunto	Dynamic tests have proven to be as efficient as static tests and are often easier to use at lower frequency. Over the last 50 years, the methods of investigating dynamic properties have resulted in significant advances. This book explores dynamic testing, the methods used, and the experiments performed, placing a particular emphasis on the context of bounded medium elastodynamics. The discussion is divided into four parts. Part A focuses on the complements of continuum mechanics. Part B concerns the various types of rod vibrations: extensional, bending, and torsional. Part C is devoted to mecha