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Variational Method; 3.3 State-Vector Equation Method
 3.4 Reduction from the Finite Models4 Spectral Element Analysis
 Method; 4.1 Formulation of Spectral Element Equation; 4.1.1
 Computation of Wavenumbers and Wavemodes; 4.1.2 Computation of
 Spectral Nodal Forces; 4.2 Assembly and the Imposition of Boundary
 Conditions; 4.3 Eigenvalue Problem and Eigensolutions; 4.4 Dynamic
 Responses with Null Initial Conditions; 4.4.1 Frequency-Domain and
 Time-Domain Responses; 4.4.2 Equivalence between Spectral Element
 Equation and Convolution Integral; 4.5 Dynamic Responses with
 Arbitrary Initial Conditions
 4.5.1 Discrete Systems with Arbitrary Initial Conditions4.5.2
 Continuous Systems with Arbitrary Initial Conditions; 4.6 Dynamic
 Responses of Nonlinear Systems; 4.6.1 Discrete Systems with Arbitrary
 Initial Conditions; 4.6.2 Continuous Systems with Arbitrary Initial
 Conditions; Part Three: Applications of Spectral Element Method; 5
 Dynamics of Beams and Plates; 5.1 Beams; 5.1.1 Spectral Element
 Equation; 5.1.2 Two-Element Method; 5.2 Levy-Type Plates; 5.2.1
 Equation of Motion; 5.2.2 Spectral Element Modeling; 5.2.3 Equivalent
 1-D Structure Representation; 5.2.4 Computation of Dynamic
 Responses
 Appendix 5.A: Finite Element Model of Bernoulli-Euler Beam6 Flow-
 Induced Vibrations of Pipelines; 6.1 Theory of Pipe Dynamics; 6.1.1
 Equations of Motion of the Pipeline; 6.1.2 Fluid-Dynamics Equations;
 6.1.3 Governing Equations for Pipe Dynamics; 6.2 Pipelines Conveying
 Internal Steady Fluid; 6.2.1 Governing Equations; 6.2.2 Spectral Element
 Modeling; 6.2.3 Finite Element Model; 6.3 Pipelines Conveying Internal
 Unsteady Fluid; 6.3.1 Governing Equations; 6.3.2 Spectral Element
 Modeling; 6.3.3 Finite Element Model; Appendix 6.A: Finite Element
 Matrices: Steady Fluid
 Appendix 6.B: Finite Element Matrices: Unsteady Fluid

Sommario/riassunto

Spectral Element Method in Structural Dynamics is a concise and timely introduction to the spectral element method (SEM) as a means of solving problems in structural dynamics, wave propagations, and other related fields. The book consists of three key sections. In the first part, background knowledge is set up for the readers by reviewing previous work in the area and by providing the fundamentals for the spectral analysis of signals. In the second part, the theory of spectral element method is provided, focusing on how to formulate spectral element models and how to conduct spectral el
