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How to Use the Index

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Flexible and Active Structures

G02-030 Characteristics of Time-Optimal Commands for Flexible Structures with Limited Fuel Usage
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G02-081 Element-Specific Beam Dynamics Formulations: Coordinate Choices, Boundary Conditions, and Strain Approximations
G02-079 Experimental Modal Analysis and Damping Estimation for an Inflated Thin-Film Torus
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Structural Durability

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Structural Dynamics and Characterization

G02-081 Element-Specific Beam Dynamics Formulations: Coordinate Choices, Boundary Conditions, and Strain Approximations
G02-079 Experimental Modal Analysis and Damping Estimation for an Inflated Thin-Film Torus
G02-043 Real-Time Identification of Flutter Boundaries Using the Discrete Wavelet Transform
G02-054 Structural Damage Detection Using Virtual Passive Controllers

Structural Finite Elements

G02-082 Dynamics of Beams Undergoing Large Rotations Accounting for Arbitrary Axial Deformation

Structural Modeling

G02-082 Dynamics of Beams Undergoing Large Rotations Accounting for Arbitrary Axial Deformation