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Nota di contenuto	Cover -- Half-Title Page -- Title Page -- Copyright Page -- Contents -- Preface: Short Bibliographical Presentation of Prof. Isaac Elishakoff -- Books by Elishakoff -- Books edited or co-edited by Elishakoff -- 1 Static Deformations of Fiber-Reinforced Composite Laminates by the Least-Squares Method -- 1.1. Introduction -- 1.2. Formulation of the problem -- 1.3. Results and discussion -- 1.3.1. Verification of the numerical algorithm -- 1.3.2. Simply supported sandwich plate -- 1.3.3. Laminate with arbitrary boundary conditions -- 1.4. Remarks -- 1.5. Conclusion -- 1.6. Acknowledgments -- 1.7. References -- 2 Stability of Laterally Compressed Elastic Chains -- 2.1. Introduction -- 2.2. Compression of stacked elastic sheets -- 2.3. Stability of an elastically coupled cyclic chain -- 2.4. Elastic stability of two coupled rods with disorder -- 2.5. Spatial localization of lateral buckling in a disordered chain of elastically coupled rigid rods -- 2.6. Conclusion -- 2.7. References -- 3 Analysis of a Beck's Column over Fractional-Order Restrains via Extended Routh-Hurwitz Theorem -- 3.1. Introduction -- 3.2. Material hereditariness -- 3.2.1. Linear hereditariness: fractional-

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Nota di contenuto	Intro -- Contents -- Notes on Contributors -- 1. Quantum Gravity Meets Structuralism: Interweaving Relations in the Foundations of Physics -- 1.1 Quantum Gravity: Background, Concepts, and Methods -- 1.1.1 The Hole Argument and Spacetime Ontology -- 1.1.2 Gauging the Hole Argument -- 1.1.3 Enter Quantum Gravity -- 1.1.4 Categorizing the Manifold Methods -- 1.1.5 What's Wrong with Background-Dependent Methods? -- 1.1.6 What's Right about Background-Independent Methods? -- 1.1.7 Background Independence and Structuralism -- 1.2 Structuralism and Structural Realism -- 1.2.1

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physicists and philosophers looks at the problem of uniting these two most fundamental theories of our world, focusing on the nature of space and time within this new quantum framework, and the kind of metaphysical picture suggested by recent developments in physics and mathematics. This is a book that will inspire further philosophical reflection on recent advances in modern physics.

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