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Nota di contenuto	1. Elimination of the Flutter Phenomenon in a Forced and Self-excited Nonlinear Beam Using an Improved Saturation Controller Algorithm -- 2. Using of the Modified Method of Parameter Continuation in Nonlinear Dynamics -- 3. A Mathematically Consistent Vector-matrix Representation of Generalized Hooke's Law for Shear-rigid Plates -- 4 Mathematical Simulation of the Plate-beam Interaction Affected by Colored Noise. 5. Dynamic Homogenization of a Chain with Bistable Springs. Statistical approach.
Sommario/riassunto	This book marks the 60th birthday of Prof. Vladimir Erofeev – a well-known specialist in the field of wave processes in solids, fluids, and structures. Featuring a collection of papers related to Prof. Erofeev's contributions in the field, it presents articles on the current problems concerning the theory of nonlinear wave processes in generalized continua and structures. It also discusses a number of applications as

well as various discrete and continuous dynamic models of structures and media and problems of nonlinear acoustic diagnostics.
