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Nota di contenuto	Topological Derivative For Multi-Scale Linear Elasticity Models In Three Spatial Dimensions -- Topological Sensitivity Analysis for Two-Dimensional Heat Transfer Problems using the Boundary Element Method -- Topology Optimization of Compliant Mechanisms with Stress.
Sommario/riassunto	Written by an international group of active researchers in the field, this volume presents innovative formulations and applied procedures for sensitivity analysis and structural design optimization. Eight chapters discuss subjects ranging from recent developments in the determination and application of topological gradients, to the use of evolutionary algorithms and meta-models to solve practical engineering problems. With such a comprehensive set of contributions, the book is a valuable source of information for graduate students and researchers entering or working in the matter.