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8.1. Optimal fibrous structures; 8.2. Composite laminates of uniform strength; 8.3. Application to optimal composite structures; 8.4. References; AUTHOR INDEX; SUBJECT INDEX

Sommario/riassunto

Composite materials have been representing most significant breakthroughs in various industrial applications, particularly in aerospace structures, during the past thirty five years. The primary goal of Advanced Mechanics of Composite Materials is the combined presentation of advanced mechanics, manufacturing technology, and analysis of composite materials. This approach lets the engineer take into account the essential mechanical properties of the material itself and special features of practical implementation, including manufacturing technology, experimental results, and design chara
