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#### Sommario/riassunto

A comprehensive account of the basic theory of the mechanical behavior of heterogeneous media, this volume assembles, interprets, and interrelates contributions to the field of composite materials from theoretical research, laboratory developments, and product applications. The text focuses on the continuum mechanics aspects of behavior; specifically, it invokes idealized geometric models of the heterogeneous system to obtain theoretical predictions of macroscopic properties in terms of the properties of individual constituent materials. The wide range of subjects encompasses macroscopic stiffn