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Collana	Advanced Structured Materials, , 1869-8433 ; ; 51
Disciplina	620
Soggetti	Mechanics Mechanics, Applied Materials science Mathematical physics Physics Solid Mechanics Characterization and Evaluation of Materials Mathematical Applications in the Physical Sciences Numerical and Computational Physics, Simulation
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Nota di contenuto	Prerequisites -- A -- B -- C -- D -- E -- F -- G -- H -- I -- K -- L -- M -- N -- O -- P -- Q -- R. -S -- T.
Sommario/riassunto	This dictionary offers clear and reliable explanations of over 100 keywords covering the entire field of non-classical continuum mechanics and generalized mechanics, including the theory of elasticity, heat conduction, thermodynamic and electromagnetic continua, as well as applied mathematics. Every entry includes the historical background and the underlying theory, basic equations and typical applications. The reference list for each entry provides a link to the original articles and the most important in-depth theoretical works. Last but not least, every entry is followed by a cross-reference to other related subject entries in the dictionary.