

<<金属的力学性能>>

图书基本信息

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内容概要

This book aims to bring together continuum elasticity theory, electronic structure and the concept of fractals as applied to roughness and toughness of metals.

Of course, a major contribution to fracture was made by Griffith, in which, though incomplete for reasons that are now largely understood, he derived an expression for the limiting strength of a material. This involved intimately the surface energy, which subsequently, at least in a simple metal like Al with s and p electrons, has been related to the energy of formation of a vacancy. However, a tremendous step forward came with the concept of a dislocation.

本书为英文版。

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编辑推荐

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