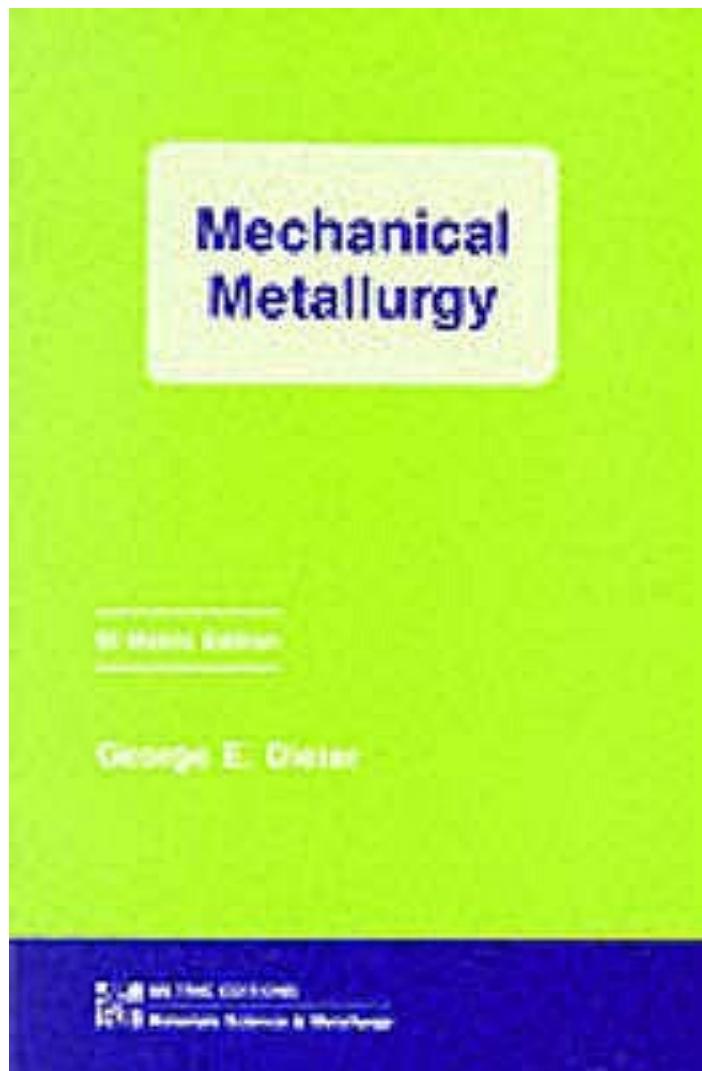


Mechanical Metallurgy



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This revised third edition of a bestselling metallurgy text examines the behaviour of materials under stress and their reaction to a variety of hostile environments. It covers the entire scope of mechanical metallurgy, from an understanding of the continuum description of stress and strain, through crystalline and defect mechanisms of flow and fracture, and on to a consideration of major mechanical property tests and the basic metalworking process. It has been updated throughout, SI units have been added, and end-of-chapter study questions are included.

作者介绍:

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标签

金属力学

材料学

材料

疲劳

材料力学

教材

学术

GeorgeDieter

评论

西安交大有一本《材料力学性能》，基础内容上照搬的其实是GeorgeDieter的金属力学。主要讨论的stat.&dynam. Belastung下的力学表现以及kerbe, kriechen, Bruch (nach Griffith)，疲劳和腐蚀等...这一套书使用了很直观的例子和算符通用的各种公式，虽然讲解上略嫌简单，但却比一些力求形式复杂的国内教材要好得多了。

经典教材

深入浅出入门佳作

很不错，可惜我以后不搞金属

This is a very good introductions to mechanics of materials

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书评

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