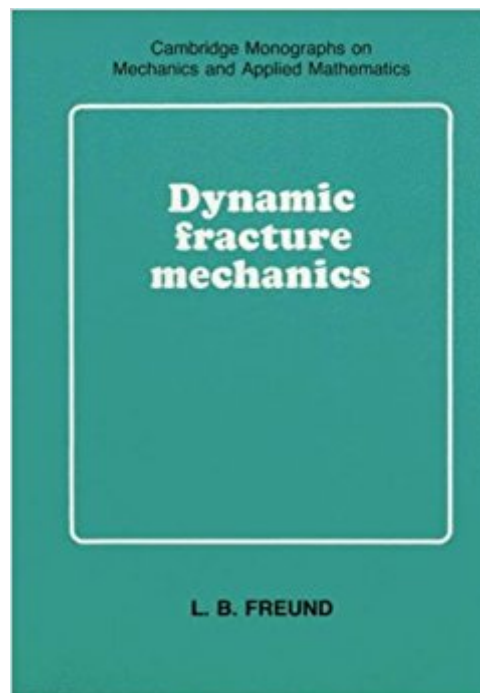




Ebook Directory
the best source of ebook

The book was found

Dynamic Fracture Mechanics (Cambridge Monographs On Mechanics)



Synopsis

This volume emphasizes fundamental concepts, both on the development of mathematical models of fracture phenomena and on the analysis of these models. Cases involving stress waves impinging on cracks, tractions suddenly applied to the faces of cracks, and rapid crack growth and arrest are considered in detail. Most of the work is concerned with the behavior of nominally elastic materials, but available results on elastic-plastic and elastic-viscoplastic materials are included. Connections to experimental results and to applications in structural mechanics, seismology, and materials science are noted whenever possible.

Book Information

Series: Cambridge Monographs on Mechanics

Hardcover: 581 pages

Publisher: Cambridge University Press; First Edition edition (February 23, 1990)

Language: English

ISBN-10: 0521303303

ISBN-13: 978-0521303309

Product Dimensions: 6 x 1.4 x 9 inches

Shipping Weight: 2 pounds

Average Customer Review: 1.0 out of 5 stars 1 customer review

Best Sellers Rank: #1,766,932 in Books (See Top 100 in Books) #58 in [Books > Engineering & Transportation > Engineering > Materials & Material Science > Fracture Mechanics](#) #443 in [Books > Engineering & Transportation > Engineering > Chemical > Fluid Dynamics](#) #1361 in [Books > Science & Math > Physics > Dynamics](#)

Customer Reviews

This volume emphasizes fundamental concepts, both on the development of mathematical models of fracture phenomena and on the analysis of these models. Cases involving stress waves impinging on cracks, tractions suddenly applied to the faces of cracks, and rapid crack growth and arrest are considered in detail. Most of the work is concerned with the behavior of nominally elastic materials, but available results on elastic-plastic and elastic-viscoplastic materials are included.

It was meant to be the new book but it turned out used one. Can they really lie about this kind of thing??

[Download to continue reading...](#)

Dynamic Fracture Mechanics (Cambridge Monographs on Mechanics) Fracture and Fatigue Control in Structures: Applications of Fracture Mechanics (Prentice-Hall International Series in Civil Engineering and Engineering Mechanics) Probabilistic fracture mechanics and reliability (Engineering Applications of Fracture Mechanics) Fracture Mechanics of Concrete: Applications of Fracture Mechanics to Concrete, Rock and Other Quasi-Brittle Materials Fracture and Fatigue Control in Structures: Applications of Fracture Mechanics (Astm Manual Series) Ferrohydrodynamics (Cambridge Monographs on Mechanics) Cambridge Global English Stage 9 Workbook: for Cambridge Secondary 1 English as a Second Language (Cambridge International Examinations) Decoding The Hidden Market Rhythm - Part 1: Dynamic Cycles: A Dynamic Approach To Identify And Trade Cycles That Influence Financial Markets (WhenToTrade) Decoding The Hidden Market Rhythm - Part 1: Dynamic Cycles: A Dynamic Approach To Identify And Trade Cycles That Influence Financial Markets (WhenToTrade) (Volume 1) Modeling Dynamic Biological Systems (Modeling Dynamic Systems) Dynamic Programming and Optimal Control, Vol. II, 4th Edition: Approximate Dynamic Programming Dynamic Modeling in the Health Sciences (Modeling Dynamic Systems) Fracture of Brittle Solids (Cambridge Solid State Science Series) Dynamic Light Scattering: The Method and Some Applications (Monographs on the Physics and Chemistry of Materials) Dynamic Prediction in Clinical Survival Analysis (Chapman & Hall/CRC Monographs on Statistics & Applied Probability) Fundamental Algebraic Geometry (Mathematical Surveys and Monographs) (Mathematical Surveys and Monographs Series (Sep.Title P) Cell Biology of Tooth Enamel Formation: Functional Electron Microscopic Monographs (Monographs in Oral Science, Vol. 14) Deformation and Fracture Mechanics of Engineering Materials Fracture Mechanics: Fundamentals and Applications, Fourth Edition Fracture Mechanics: Fundamentals and Applications, Third Edition

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)