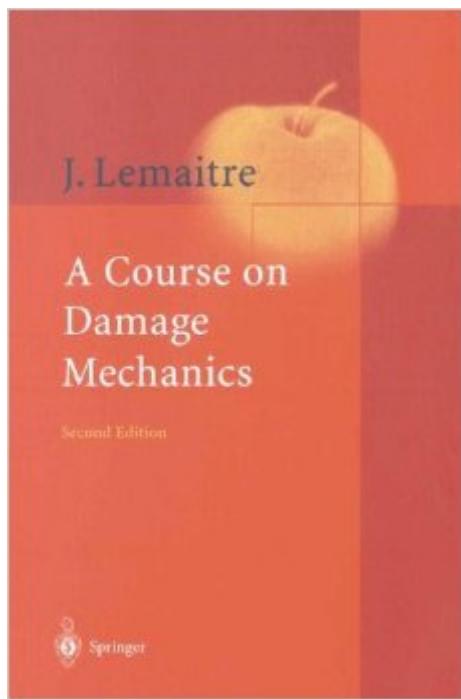


The book was found

A Course On Damage Mechanics



Synopsis

This second, corrected and enlarged edition teaches macroscopic modeling for the design, processing, testing, and control of mechanical components in engineering, and also includes the damage of interfaces and statistical damage analysis with microdefects. The first chapter deals with the phenomenology of damage, while the second couples damage to strains before going on to cover the three-dimensional situation. Chapter 3 is devoted to kinetic laws of damage evolution used by the author to unify many models, and the book is rounded off with several methods for predicting crack initiation. Detailed calculations and many exercises help students to apply the powerful techniques to practical problems in engineering.

Book Information

Paperback: 228 pages

Publisher: Springer; 2nd rev. and enlarged ed. edition (June 14, 1996)

Language: English

ISBN-10: 3540609806

ISBN-13: 978-3540609803

Product Dimensions: 5.9 x 0.6 x 9.2 inches

Shipping Weight: 15.7 ounces (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,951,044 in Books (See Top 100 in Books) #61 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Fracture Mechanics #155 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Strength of Materials #202 in Books > Engineering & Transportation > Engineering > Materials & Material Science > Testing

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

A Course on Damage Mechanics Python: PYTHON CRASH COURSE - Beginner's Course To Learn The Basics Of Python Programming In 24 Hours!: (Python, Python Programming, Python for Dummies, Python for Beginners, python crash course) The Autoimmune Fix: How to Stop the Hidden Autoimmune Damage That Keeps You Sick, Fat, and Tired Before It Turns Into Disease Earthquake Engineering: Damage Assessment and Structural Design (Methods & Applications in Civil Engineering) Fundamentals of Structural Integrity: Damage Tolerant Design and Nondestructive Evaluation Brain Damage: Overcoming Cognitive Deficit and Creating the New You Sugar Crush: How to Reduce Inflammation, Reverse Nerve Damage, and Reclaim Good Health

Alpha Lipoic Acid Breakthrough: The Superb Antioxidant That May Slow Aging, Repair Liver Damage, and Reduce the Risk of Cancer, Heart Disease, and Diabetes Stability of Structures: Elastic, Inelastic, Fracture and Damage Theories The B12 Deficiency Survival Handbook: Fix Your Vitamin B12 Deficiency Before Any Permanent Nerve and Brain Damage Adrenaline and Stress: The Exciting New Breakthrough That Helps You Overcome Stress Damage Dave Pelz's Damage Control: How to Save Up to 5 Shots Per Round Using All-New, Scientifically Proven Techniques for Playing Out of Trouble Lies Robotics: The Beginner's Guide to Robotic Building, Technology, Mechanics, and Processes (Robotics, Mechanics, Technology, Robotic Building, Science) Soil Mechanics in Highway Engineering (Series on Rock and Soil Mechanics) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Mechanics II: Mechanics of Materials + Computational Fluid Mechanics and Heat Transfer, Third Edition (Series in Computational and Physical Processes in Mechanics and Thermal Sciences) Mechanics, Third Edition: Volume 1 (Course of Theoretical Physics S) SQL: Learn SQL In A DAY! - The Ultimate Crash Course to Learning the Basics of SQL In No Time (SQL, SQL Course, SQL Development, SQL Books, SQL for Beginners) C: Learn C In A DAY! - The Ultimate Crash Course to Learning the Basics of C In No Time (C, C Course, C Development, C Books, C for Beginners)

[Dmca](#)