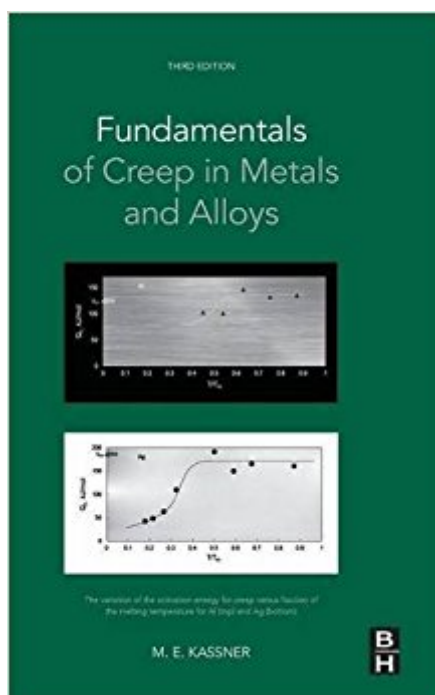


The book was found

Fundamentals Of Creep In Metals And Alloys, Third Edition



Synopsis

Although the present edition of *Fundamentals of Creep in Metals and Alloys* remains broadly up to date for metals, there are a range of improvements and updates that are either desirable, or required, in order to ensure that the book continues to meet the needs of researchers and scholars in the general area of creep plasticity. Besides updating the areas currently covered in the second edition with recent advances, the third edition will broaden its scope beyond metals and alloys to include ceramics, covalent solids, minerals and polymers, thus addressing the fundamentals of creep in all basic classes of materials. Numerous line drawings with consistent format and units allow easy comparison of the behavior of a very wide range of materials. Transmission electron micrographs provide direct insight into the basic microstructure of metals deforming at high temperatures. Extensive literature review of about 1000 references provides an excellent overview of the field.

Book Information

Hardcover: 356 pages

Publisher: Butterworth-Heinemann; 3 edition (January 22, 2015)

Language: English

ISBN-10: 008099427X

ISBN-13: 978-0080994277

Product Dimensions: 6 x 0.9 x 9 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 1 customer review

Best Sellers Rank: #2,583,615 in Books (See Top 100 in Books) #32 in [Books > Engineering & Transportation > Engineering > Mechanical > Tribology](#) #366 in [Books > Science & Math > Physics > Nanostructures](#) #398 in [Books > Engineering & Transportation > Engineering > Aerospace > Aircraft Design & Construction](#)

Customer Reviews

Dr. Kassner is a professor in the department of Aerospace and Mechanical Engineering at the University of Southern California in Los Angeles. He holds M.S. and Ph.D. degrees in Materials Science and Engineering from Stanford University, has published two books and more than 200 articles and book chapters in the areas of metal plasticity theory, creep, fracture, phase diagrams, fatigue, and semi-solid forming, and currently serves on the editorial board of Elsevier's *International Journal of Plasticity*.

It is an excellent book. It reviews both mechanical properties and microstructure.

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

Fundamentals of Creep in Metals and Alloys, Third Edition The Periodic Table of Elements - Alkali Metals, Alkaline Earth Metals and Transition Metals | Children's Chemistry Book Properties of Aluminum Alloys: Tensile, Creep, and Fatigue Data at High and Low Temperatures (#09813G) Phase Transformations in Metals and Alloys, Third Edition (Revised Reprint) Advances in Wrought Magnesium Alloys: Fundamentals of Processing, Properties and Applications (Woodhead Publishing Series in Metals and Surface Engineering) Mechanisms of Diffusional Phase Transformations in Metals and Alloys Superconductivity Of Metals And Alloys (Advanced Books Classics) Third Eye: Third Eye Activation Mastery, Easy And Simple Guide To Activating Your Third Eye Within 24 Hours (Third Eye Awakening, Pineal Gland Activation, Opening the Third Eye) Indestructibles Creep! Crawl! Bizarre Horror Stories: 11 Weird & Crazy Paranormal Accounts That'll Creep You Out (Unexplained Encounters) Against the Fascist Creep Lead and Lead Alloys: Properties and Technology (German Edition) The Surface Treatment and Finishing of Aluminum and Its Alloys (06727G) 2 Vol set. Welding Metallurgy and Weldability of Nickel-Base Alloys Additive Manufacturing of Titanium Alloys: State of the Art, Challenges and Opportunities Plastic Injection Molding: Mold Design and Construction Fundamentals (Fundamentals of Injection Molding) (2673) (Fundamentals of injection molding series) Plastic Injection Molding: Product Design & Material Selection Fundamentals (Vol II: Fundamentals of Injection Molding) (Fundamentals of injection molding series) The Organometallic Chemistry of the Transition Metals, 4th Edition The Organometallic Chemistry of the Transition Metals, 2nd Edition The Handbook of Alternative Assets: Making money from art, rare books, coins and banknotes, forestry, gold and precious metals, stamps, wine and other alternative assets

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)