Microporomechanics (Hardback)



Filesize: 9.73 MB

Reviews

Undoubtedly, this is the greatest job by any author. It is actually filled with wisdom and knowledge I am quickly could get a pleasure of reading a written book. (Kade Ankunding)

MICROPOROMECHANICS (HARDBACK)



John Wiley and Sons Ltd, United Kingdom, 2006. Hardback. Condition: New. 1. Auflage. Language: English . Brand New Book. Intended as a first introduction to the micromechanics of porous media, this book entitled Microporomechanics deals with the mechanics and physics of multiphase porous materials at nano and micro scales. It is composed of a logical and didactic build up from fundamental concepts to state-of-the-art theories. It features four parts: following a brief introduction to the mathematical rules for upscaling operations, the first part deals with the homogenization of transport properties of porous media within the context of asymptotic expansion techniques. The second part deals with linear microporomechanics, and introduces linear mean-field theories based on the concept of a representative elementary volume for the homogenization of poroelastic properties of porous materials. The third part is devoted to Eshelby s problem of ellipsoidal inclusions, on which much of the micromechanics techniques are based, and illustrates its application to linear diffusion and microporoelasticity. Finally, the fourth part extends the analysis to microporo-in-elasticity, that is the nonlinear homogenization of a large range of frequently encountered porous material behaviors, namely, strength homogenization, nonsaturated microporomechanics, microporoplasticity and microporofracture and microporodamage theory.

Read Microporomechanics (Hardback) Online

Download PDF Microporomechanics (Hardback)

Related PDFs

	JA] early childhood parenting :1-4 Genuine Special(Chinese Edition) paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date :2006-01-01 Pages: 179 Publisher: the China Pictorial Our book is all Download Document »
E	Programming in D: Tutorial and Reference Ali Cehreli, 2015. Paperback. Book Condition: New. 254 x 178 mm. Language: English . Brand New Book ***** Print on Demand *****.The main aim of this book is to teach D to readers who are Download Document »
	Programming in D Ali Cehreli Dez 2015, 2015. Buch. Book Condition: Neu. 264x182x53 mm. This item is printed on demand - Print on Demand Neuware - The main aim of this book is to teach D to readers Download Document »
	The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback) Broadman Holman Publishers, United States, 2013. Hardback. Book Condition: New. Cory Jones (illustrator). 231 x 178 mm. Language: English . Brand New Book. Oh sure, we ll all heard the story of Moses and the Download Document »
	History of the Town of Sutton Massachusetts from 1704 to 1876 Createspace United States 2015 Paperback Book Condition: New appotated edition, 229 x 152 mm, Language: English, Brand New

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. This version of the History of the Town of Sutton Massachusetts... Download Document

»