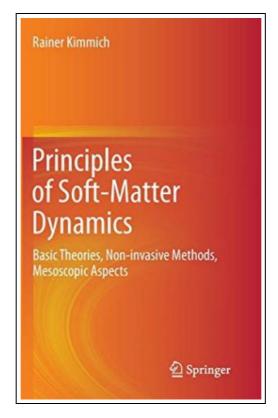
Principles of Soft-Matter Dynamics: Basic Theories, Non-invasive Methods, Mesoscopic Aspects (Hardback)



Filesize: 5.47 MB

Reviews

This book will not be simple to get going on reading but extremely exciting to read through. Yes, it can be play, still an interesting and amazing literature. I am very easily could possibly get a delight of reading a written book.

(Rene Olson)

PRINCIPLES OF SOFT-MATTER DYNAMICS: BASIC THEORIES, NON-INVASIVE METHODS, MESOSCOPIC ASPECTS (HARDBACK)



Springer, Netherlands, 2012. Hardback. Condition: New. 2012 ed. Language: English. Brand new Book. Practical applications of soft-matter dynamics are of vital importance in material science, chemical engineering, biophysics and biotechnology, food processing, plastic industry, micro-and nano-system technology, and other technologies based on non-crystalline and non-glassy materials. Principles of Soft-Matter Dynamics. Basic Theories, Non-invasive Methods, Mesoscopic Aspects covers fundamental dynamic phenomena such as diffusion, relaxation, fluid dynamics, normal modes, order fluctuations, adsorption and wetting processes. It also elucidates the applications of the principles and of the methods referring to polymers, liquid crystals and other mesophases, membranes, amphiphilic systems, networks, and porous media including multiphase and multi-component materials, colloids, fine-particles, and emulsions. The book presents all formalisms, examines the basic concepts needed for applications of soft-matter science, and reviews non-invasive experimental techniques such as the multi-faceted realm of NMR methods, neutron and light quasi-elastic scattering, mechanical relaxation and dielectric broadband spectroscopy which are treated and compared on a common and consistent foundation. The standard concepts of dynamics in fluids, polymers, liquid crystals, colloids and adsorbates are comprehensively derived in a step-by-step manner. Principles and analogies common to diverse application fields are elucidated and theoretical and experimental aspects are supplemented by computational-physics considerations. Principles of Soft-Matter Dynamics. Basic Theories, Non-invasive Methods, Mesoscopic Aspects appeals to graduate and PhD students, post-docs, researchers, and industrial scientists alike.



Read Principles of Soft-Matter Dynamics: Basic Theories, Non-invasive Methods, Mesoscopic Aspects (Hardback) Online Download PDF Principles of Soft-Matter Dynamics: Basic Theories, Non-invasive Methods, Mesoscopic Aspects (Hardback)

Relevant eBooks



Genuine new book Essentials of Leadership: Principles and Practice (4th Edition) (U.S.) Shiliboge. (U.S.(Chinese Edition)

paperback. Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date: 2012-05-01 Pages: 280 Publisher: Welcome to Our Publishing House of Electronics Industry....

Read eBook

»



Indifference Pricing: Theory and Applications (Hardback)

Princeton University Press, United States, 2009. Hardback. Condition: New. Language: English. Brand new Book. This is the first book about the emerging field of utility indifference pricing for valuing derivatives in incomplete markets. Rene Carmona...

Read eBook

»



Blazor Revealed: Building Web Applications in .NET (Paperback)

aPress, United States, 2019. Paperback. Condition: New. 1st ed. Language: English. Brand new Book. Build web applications in Microsoft that run in any modern browser, helping you to transfer your experience and skills to a...

Read eBook

»



Options Pricing and Portfolio Optimization: Modern Methods of Financial Mathematics (Hardback)

American Mathematical Society, United States, 2001. Hardback. Condition: New. Language: English. Brand new Book. Understanding and working with the current models of financial markets requires a sound knowledge of the mathematical tools and ideas from...

Read eBook

..



An Introduction to Organic Lasers (Hardback)

ISTE Press Ltd - Elsevier Inc, United Kingdom, 2017. Hardback. Condition: New. Language: English. Brand new Book. One of the biggest challenges of organic optoelectronics is the realization of the first organic laser diode (electrically...

Read eBook

»



Fundamentals of Fire Phenomena (Hardback)

John Wiley & Sons Inc, United States, 2006. Hardback. Condition: New. 1. Auflage. Language: English. Brand new Book. Understanding fire dynamics and combustion is essential in fire safety engineering and in fire science curricula. Engineers

Download ePub

>>



Nightmares! (Hardback)

Delacorte Press, United States, 2014. Hardback. Condition: New. Karl Kwasny (illustrator). Language: English. Brand new Book. "Coraline meets Monsters, Inc. in this delightfully entertaining offering from actor [Jason] Segel and co-author [Kirsten] Miller."--Publishers Weekly The

Download ePub

>>



Muse of Nightmares: the magical sequel to Strange the Dreamer (Hardback)

HODDER & STOUGHTON, United Kingdom, 2018. Hardback. Condition: New. Language: English. Brand new Book. 'Muse of Nightmares is a philosophical fantasy adventure, an epic love story, a daring quest that demands to be read and

Download ePub

>>



Dewalt Electrical Licensing Exam Guide: Based on the NEC 2014 (Paperback)

Dewalt, 2014. Paperback. Condition: New. 4th ed. Language: English. Brand New Book. For years, electricians and apprentices alike have turned to the DEWALT ELECTRICAL LICENSING EXAM GUIDE for their licensing exam preparation needs. With

Download ePub

...



Freddy the Firefly Shines His Light (Hardback)

Archway Publishing, United States, 2016. Hardback. Condition: New. Language: English. Brand new Book. About The Book Freddy the Firefly lives in a comfortable, old tree house with his mom, dad, and his baby sister, Gloria

Download ePub

»