



Molecular Dynamics Simulation of Strongly Coupled Dusty Plasma

By Mahmuda Begum

LAP Lambert Academic Publishing. Taschenbuch. Condition: Neu. Neuware - Dusty plasmas have opened up a completely new and fascinating line of research in the field of plasma physics. The collisions among charged dust grains and between charged grains and neutrals play a significant role in complex plasmas. The charged micro-particles can be visualized individually due to their comparatively large size which provides experimental investigations with high temporal and spatial resolution. Dusty plasmas, therefore enable to investigate a vast variety of novel phenomena, like self-organizations, strong-coupling effects, phase transitions, waves, transport properties, etc. at the most fundamental kinetic level. Dusty plasma research has made remarkable progress in the investigations of some fundamental and generic processes ranging from nanofluidics to crystallization at the kinetic level which help us to advance into other fields of research. This highlights the 'interdisciplinarity' nature of the dusty plasma research. This book presents a computational study of thermodynamics and transport properties of strongly coupled dusty plasma using Molecular Dynamics (MD) simulation both in presence and absence of external magnetic field. 164 pp. Englisch.



Reviews

Most of these pdf is the best ebook offered. It is probably the most remarkable book i actually have study. Your life period will be transform as soon as you complete reading this pdf.

-- Albertha Champlin

This publication is wonderful. I could comprehended every thing out of this published e publication. You can expect to like the way the blogger write this publication.

-- Eliseo Rippin

You May Also Like



Your Pregnancy for the Father to Be Everything You Need to Know about Pregnancy Childbirth and Getting Ready for Your New Baby by Judith Schuler and Glade B Curtis 2003 Paperback

Book Condition: Brand New. Book Condition: Brand New.



Most cordial hand household cloth (comes with original large papier-mache and DVD high-definition disc) (Beginners Korea(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: Unknown in Publisher: Henan Science and Technology Press Information Original Price: 78.00 yuan Author: Publisher: Henan Science and...



Dom's Dragon - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Dom's Dragon - Read it Yourself with Ladybird: Level 2, Mandy Ross, One day, Dom finds a little red egg and soon he is the owner of a friendly dragon called Glow! But...



Peppa Pig: Nature Trail - Read it Yourself with Ladybird: Level 2

Penguin Books Ltd. Paperback. Book Condition: new. BRAND NEW, Peppa Pig: Nature Trail - Read it Yourself with Ladybird: Level 2, Peppa Pig and her family are enjoying a nature walk when they get lost. Can Peppa, George, Mummy Pig and Daddy...



Sarah's New World: The Mayflower Adventure 1620 (Sisters in Time Series 1)

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Sarah's New World: The Mayflower Adventure 1620 by Colleen L. Reece. Sisters in Time Series book 1. Christian stories for girls. Sisters in Time Series. Age 8-12....



Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback)

Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Nick Schon (illustrator). 177 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UKs best-selling home reading series. It is based on...