



Physics of Nanostructured Solar Cells (Hardback)

By -

Nova Science Publishers Inc, United States, 2010. Hardback. Condition: New. UK ed. Language: English. Brand new Book. The world of nanotechnology has opened a vast array of novel frontiers in materials science, by the exploitation of the properties and phenomena at the nanometer scale. After transistors, also other devices will enter the nanoscale era. Technologies based on semiconducting and/or organic materials have moved from a few empirical examples to a booming science-based activity. Physics at nanoscale becomes the science used for new device improvements. Solar cells are no exception to that. This book on nanophysics of photovoltaic cells thus comes at the right moment. Such a book will support research efforts in numerous laboratories where the solar cells of tomorrow are designed. The reader will be happy to find chapters on various topics, such as thermodynamics, photonics and electronics of dye-sensitised, electrochemical, nanostructured, polymer and organic materials. Light concentration, photoluminescence, intermediate-band absorption, photon conversion, and quantum confinement are discussed. The present book will surely be of great value for all scientists and engineers involved in the development of future solar cells.



Reviews

The most effective book i ever read through. it had been writtern quite flawlessly and valuable. I am just happy to let you know that here is the very best publication i have got read through during my individual daily life and may be he greatest pdf for ever.

-- Prof. Adonis Rodriguez

Comprehensive information for publication fans. I have got read and i am confident that i am going to likely to go through once again once again in the foreseeable future. I am just very happy to let you know that this is actually the greatest book i have read in my very own existence and could be he finest book for at any time.

-- Clair Windler

Related PDFs



Features of the Optical Materials Modified with the Effective Nanoobjects: Balk Properties & Interface (Paperback)

Nova Science Publishers Inc, United States, 2014. Paperback. Condition: New. UK ed. Language: English. Brand new Book. New effective nano-objects such as the fullerenes, carbon nanotubes, shungites, graphenes and quantum dots have been widely used now in the research of many scientific...



Minecraft Blockopedia: An Official Minecraft Book from Mojang (Hardback)

Egmont UK Ltd, United Kingdom, 2016. Hardback. Condition: New. UK ed. Language: English. Brand new Book. Minecraft is a multiplatform block-based gaming sensation available on Xbox, PlayStation, PC and mobile devices. Whether you're in Creative, Survival or Hardcore Mode, the Minecraft books...



Minecraft: Exploded Builds: Medieval Fortress: An Official Minecraft Book from Mojang (Hardback)

Egmont UK Ltd, United Kingdom, 2016. Hardback. Condition: New. UK ed. Language: English. Brand new Book. Check out the brand new series of official Minecraft Guides. The first four titles in the series, Guide to Exploration, Guide to Creative, Guide to Redstone...



Ladybird Tales: The Little Mermaid (Hardback)

Penguin Books Ltd, United Kingdom, 2014. Hardback. Condition: New. Victoria Assanelli (illustrator). UK ed. Language: English. Brand new Book. This beautiful hardback Ladybird edition of The Little Mermaid is a perfect first illustrated introduction to this classic fairy tale for young readers...



Ladybird Tales: The Princess and the Pea (Hardback)

Penguin Books Ltd, United Kingdom, 2013. Hardback. Condition: New. UK ed. Language: English. Brand new Book. This beautiful hardback Ladybird edition of The Princess and the Pea is a perfect first illustrated introduction to this classic fairy tale for young readers from...



Ladybird Tales: The Ugly Duckling (Hardback)

Penguin Books Ltd, United Kingdom, 2013. Hardback. Condition: New. UK ed. Language: English. Brand new Book. This beautiful hardback Ladybird edition of The Ugly Duckling is a perfect first illustrated introduction to this classic fairy tale for young readers from 3+. The...