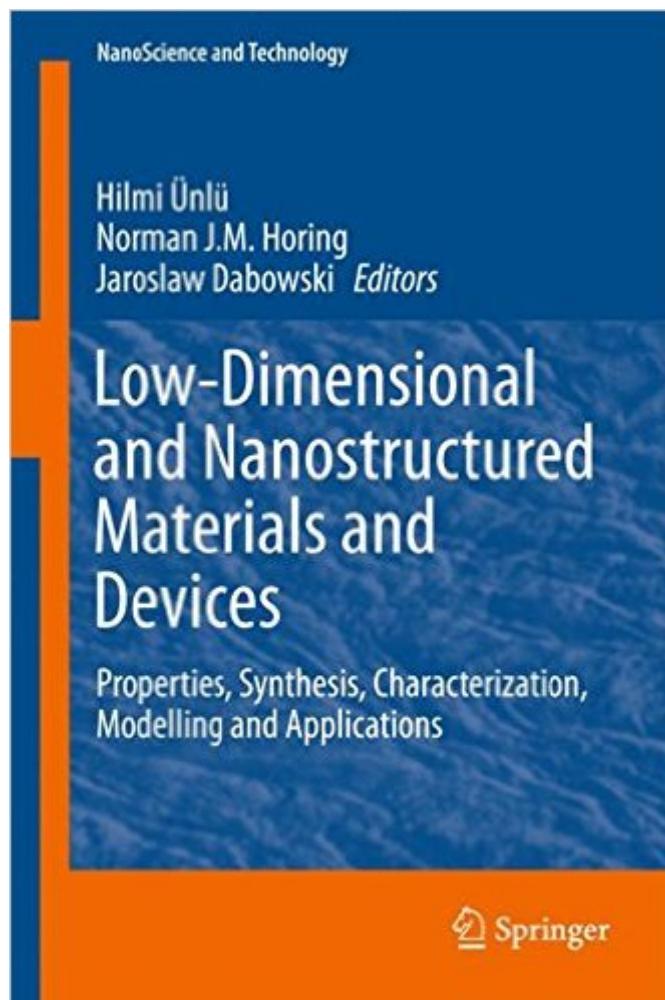


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Low-Dimensional And Nanostructured Materials And Devices: Properties, Synthesis, Characterization, Modelling And Applications (NanoScience And Technology)





Synopsis

This book focuses on the fundamental phenomena at nanoscale. It covers synthesis, properties, characterization and computer modelling of nanomaterials, nanotechnologies, bionanotechnology, involving nanodevices. Further topics are imaging, measuring, modeling and manipulating of low dimensional matter at nanoscale. The topics covered in the book are of vital importance in a wide range of modern and emerging technologies employed or to be employed in most industries, communication, healthcare, energy, conservation , biology, medical science, food, environment, and education, and consequently have great impact on our society.

Book Information

Series: NanoScience and Technology

Hardcover: 674 pages

Publisher: Springer; 1st ed. 2016 edition (December 2, 2015)

Language: English

ISBN-10: 3319253387

ISBN-13: 978-3319253381

Product Dimensions: 6.2 x 1.7 x 9.5 inches

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

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