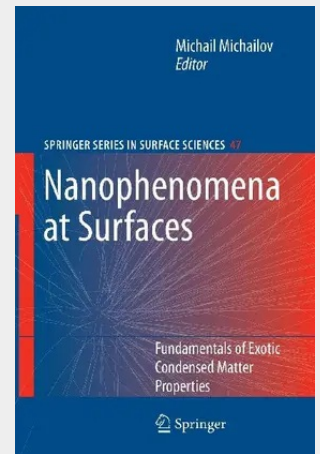


Nanophenomena at Surfaces

Fundamentals of Exotic Condensed Matter Properties

This book presents the state of the art in nanoscale surface physics. It outlines contemporary trends in the field covering a wide range of topical areas: atomic structure of surfaces and interfaces, molecular films and polymer adsorption, biologically inspired nanophysics, surface design and pattern formation, and computer modeling of interfacial phenomena. Bridging "classical" and "nano" concepts, the present volume brings attention to the physical background of exotic condensed-matter properties. The book is devoted to Iwan Stranski and Rostislaw Kaischew, remarkable scientists, who played a crucial role in setting up the theoretical fundamentals of nucleation and crystal growth phenomena in the last century.

This book presents the state of the art in nanoscale surface physics. It outlines contemporary trends in the field covering a wide range of topical areas: atomic structure of surfaces and interfaces, molecular films and polymer adsorption, biologically inspired nanophysics, surface design and pattern formation, and computer modeling of interfacial phenomena. Bridging "classical" and "nano" concepts, the present volume brings attention to the physical background of exotic condensed-matter properties. The book is devoted to Iwan Stranski and Rostislaw Kaischew, remarkable scientists, who played a crucial role in setting up the theoretical fundamentals of nucleation and crystal growth phenomena in the last century.



160,49 €

149,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783642267239

Medium: Buch

ISBN: 978-3-642-26723-9

Verlag: Springer

Erscheinungstermin: 21.04.2013

Sprache(n): Englisch

Auflage: 1. Auflage 2013

Serie: Springer Series in Surface Sciences

Produktform: Kartoniert

Gewicht: 464 g

Seiten: 284

Format (B x H): 155 x 235 mm

