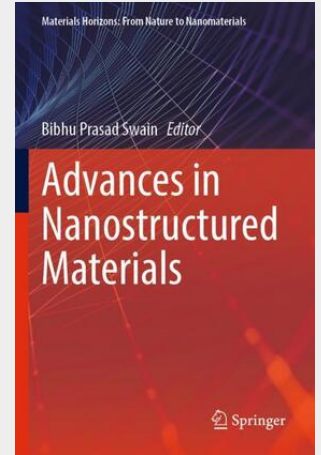


Swain

Advances in Nanostructured Materials

This book presents recent advances in nanostructured materials. It describes the characterization of nanomaterials, their preparation methods and performance testing techniques; the design and development of nano-scale devices; and the applications of nanomaterials, with examples taken from different industries, such as energy, bioengineering and medicine. The book is broadly divided into sections such as nanostructure semiconductor materials for device applications, nanostructured ferroelectric and ferromagnetic materials. The topics covered include experimental approaches of device fabrication, photovoltaics and supercapacitors applications, etc. Given the contents, the book will be useful for students, researchers, and professionals working in the area of nanotechnology and nanomaterials.



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