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Authors:

Alexander D. Pogrebnyak
Ukraine

Vyacheslav M. Beresnev
Ukraine

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About the eBook

This reference eBook explains the existing classification of nanosized structures and contains an analysis of their properties. It summarizes information about how particle size effects are reflected in physical, mechanical, thermal, and other properties of nanostructural materials.

Contents

- ▶ Structural Features of Nanocrystalline Materials
- ▶ Nanoporous Materials
- ▶ Amorphous Materials
- ▶ Fullerene, Fullerite and Nanotubes
- ▶ Nanocomposite Material
- ▶ Methods Employed for Nanomaterial Fabrication
- ▶ Methods of Nanomaterials Investigation
- ▶ Structure and Properties of Nanostructured Films and Coatings

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