

<i>Preface</i>	1
<i>R. Birringer, H. Wolf, Ch. Lang, A. Tschöpe, A. Michels</i> Magnetic Nanorods: Genesis, Self-Organization and Applications . . .	5
<i>K. Knorr, P. Huber, D. Wallacher</i> Thermodynamic and Structural Investigations of Condensates of Small Molecules in Mesopores	33
<i>M. Veith</i> Precursorchemistry with Metalalkoxides and their Use for Nano-Scaled Materials	63
<i>S. Mathur, S. Barth</i> One-Dimensional Semiconductor Nanostructures: Growth, Characterization and Device Applications	83
<i>H. Natter, R. Hempelmann</i> Nanocrystalline Metals Prepared by Electrodeposition	95
<i>Th. Wichert, H. Wolf, Z. Guan, X. Li</i> Investigation of Nanocrystalline Materials Using Radioactive Isotopes	131
<i>M. Springborg, Y. Dong, V. G. Grigoryan, V. Tevekelyska, D. Alamanova, E. Kasabova, S. Roy, J.-O. Joswig, A. M. Asaduzzaman</i> Theoretical Studies of Structural, Energetic, and Electronic Properties of Clusters	163
<i>S. Hüfner, F. Reinert, S. Schmidt, G. Nicolay, F. Forster</i> Photoemission Investigation of the $\bar{L}$ -Gap Surface States on Clean and Rare Gas-Covered Noble Metal (111)-Surfaces	183
<i>H. Rieger, R. Paul, J.-D. Noh, G. Schehr</i> Computer Simulations of Phase Transitions and Dynamics in Confined Systems	209
<i>M. Kopycinska-Müller, A. Caron, S. Hirsekorn, U. Rabe, H. Natter, R. Hempelmann, R. Birringer, W. Arnold</i> Quantitative Evaluation of Elastic Properties of Nano-Crystalline Nickel Using Atomic Force Acoustic Microscopy	247
<i>H. Vehoff, B. Yang, A. Barnoush, H. Natter, R. Hempelmann</i> Mechanical Properties of Nanomaterials Examined with a NI-AFM	275
<i>J. P. Embs, B. Huke, A. Leschhorn, M. Lücke</i> Equilibrium and Nonequilibrium Behaviour of Ferrofluids – Experiments and Theory	303
<i>D. Rende, K. Schwarz, U. Rabe, W. F. Maier, W. Arnold</i> Combinatorial Fabrication of Thin Film-Libraries and Evaluation of their Piezoelectricity by Ultrasonic Piezo-Mode Imaging	363