

## **Table of Contents**

### **Properties and Phase Transformations of Nanoscaled Co on the Surface of Thermoexfoliated Graphite**

M. Babich, L. Matzui, O. Nakonechna, L. Vovchenko and M. Zakharenko 1

### **Simulation of Structural and Magnetic Inhomogeneities of Amorphous Ni-P Alloys**

V.V. Hoang and T.B. Van 5

### **Thermal Evolution of Structure of Ultrafine Grained Copper, Processed by Severe Plastic Deformation**

N.M. Amirkhanov, J.J. Bucki, R.K. Islamgaliev, K.J. Kurzydlowski and R. Valiev 21

### **Thermal Behavior Characterization of Colloidal Particles of Nickel Hydroxide and its Connection with the Grain-Size Effect**

J.M. Boyer, B. Repetti, R. Garrigos, M. Meyer and A. Bée 29

### **Structure and Thermal Stability of Ball-Milled Fe-FeOxide Mixtures**

E. Bonetti, L. Del Bianco, A. Gjevori, L. Pasquini and L. Savini 37

### **High Strength Al- and Mg-Based Alloys with Nanocrystalline or Nanoquasicrystalline Phase**

A. Inoue and H. Kimura 41