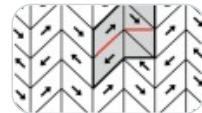




13 articles in this issue

The Relation for Determining the Resulting Direction of the Magnetization Vector Obtained from the Landau–Lifshitz–Gilbert Equation



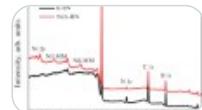
ELECTRICAL AND MAGNETIC PROPERTIES | 10 January 2026 | Pages: 855 - 870

Pinning vs. Nucleation of Hard Magnetic Materials Based on Nd–Fe–B-Type



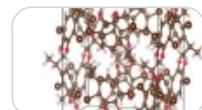
ELECTRICAL AND MAGNETIC PROPERTIES | 10 January 2026 | Pages: 871 - 882

Electronic Structure and XPS Spectra of Layered Ni-Doped h-BN



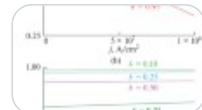
ELECTRICAL AND MAGNETIC PROPERTIES | 10 January 2026 | Pages: 883 - 887

Structural, Electronic, and Optical Properties of Halogen-Doped $C_{16}H_{10}X_2O_2$ (X = F, Cl, Br, I) Compounds for the Organic Electronics Applications



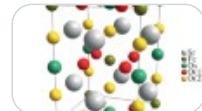
ELECTRICAL AND MAGNETIC PROPERTIES | 10 January 2026 | Pages: 888 - 896

Kinetic Magnetoelectric Effect in Chiral Helimagnets Influenced by Spin-Transfer Torque



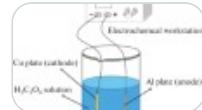
ELECTRICAL AND MAGNETIC PROPERTIES | 10 January 2026 | Pages: 897 - 907

Investigating Lattice Vibrations in Double Perovskite Oxide Sr_2FeOsO_6



ELECTRICAL AND MAGNETIC PROPERTIES | 10 January 2026 | Pages: 908 - 914

Electrochemical Etching-Assisted Fabrication of Superhydrophobic Aluminum Coating and Molecular Dynamics Simulation Study



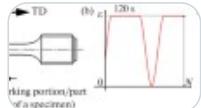
STRUCTURE, PHASE TRANSFORMATIONS, AND DIFFUSION | 10 January 2026 | Pages: 915 - 924

Effect of High Strain Rate Hot-Compression on Microstructure, Texture and Corrosion Behavior of 304 Stainless Steel



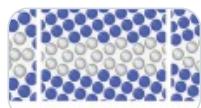
STRUCTURE, PHASE TRANSFORMATIONS, AND DIFFUSION | 10 January 2026 | Pages: 925 - 935

Structure-Phase Transformations and Crystallographic Texture in the Industrial Alloy Ti-6Al-4V with Globular Morphology of α -Phase Grains. Low-Cycle Dwell Fatigue on Samples Cut across the Rolling Direction



STRUCTURE, PHASE TRANSFORMATIONS, AND DIFFUSION | 10 January 2026 | Pages: 936 - 949

Estimation of Grain Boundary Diffusion Width Based on Atomistic Simulation of Grain-Boundary Diffusion in Tungsten



STRUCTURE, PHASE TRANSFORMATIONS, AND DIFFUSION | 10 January 2026 | Pages: 950 - 955

Constitutive Models for Predicting Flow Stress Behavior of Zircaloy-4 in Thermo-Mechanical Processing



STRENGTH AND PLASTICITY | 10 January 2026 | Pages: 956 - 968

Assessment and Analysis of Hardness for Bobbin Tool-Friction Stir Welded Joint for AA 6063 Using Taguchi Technique and Abaqus Software



STRENGTH AND PLASTICITY | 10 January 2026 | Pages: 969 - 980

Effect of Sn on the Microstructure and Corrosion Behavior of Al-Mg-Si Alloys



STRENGTH AND PLASTICITY | 10 January 2026 | Pages: 981 - 989