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and Interfaces; Utility of the Plasmon Theory of Surface and Interfacial Energies; The Nature of Interfacial Processes in Friction and Wear; Elastic Interactions of Point Defects with Imperfect Interfaces in Coated Semi-Infinite Solids; An Informatics Approach to Interface Characterization: Establishing a "Materials by Design" Paradigm; Advanced Materials; Interfaces and Stresses in Nanostructured and High-Tc Superconducting Materials; Grain Boundary Effects in High and Low Tc Superconductors
Molecular Interfaces and Their Effect on Order in Liquid Crystals
Interface Studies in a Quasicrystalline Al-Pd-Mn Alloy; Semiconductors; Two-Step Epitaxy of Gallium Nitride on (0001) Sapphire; Epitaxial Issues and Growth Morphologies of InAlAs/InGaAs MQWs and Heterostructures on (100) and non-(100) InP Substrates; Synthetic Functional Oxide Nanostructures: Role of Interfaces; Role of Silicide Interfaces in Silicon Technology; Silicon-Germanium-Carbon Self Assembled Quantum Dot Growth and Applications in Electronic Memory Devices; Diamond Surfaces and Interfaces; Grain Boundaries In-Situ Determination of Grain Boundary Migration During Recrystallization
Atomistic Aspects of Grain Boundary Fracture; Coincidence Site Lattice Theory of Triple Junctions and Quadruple Points; Interfacial Phenomena in Clean Steel Processing; Author Index; Subject Index

Sommario/riassunto

Science and Technology of Interfaces, International Symposium in Honor of Dr. Bhakta Rath
