



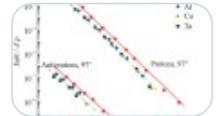
14 articles in this issue

Effective Polarization Charge in the Theory of Finite Fermi Systems

FIELDS, PARTICLES, AND NUCLEI | 13 February 2026 | Pages: 791 - 796

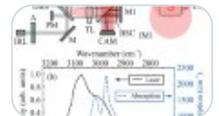
Universality of Short Range Nucleon Correlation in Deep Inelastic Proton and Antiproton Production off Nuclei

FIELDS, PARTICLES, AND NUCLEI | 16 December 2025 | Pages: 797 - 803



Mid-Infrared Resonant Laser Swelling of Polymethylmethacrylate for Production of Biocompatible Phase Micro-Optic Elements

OPTICS AND LASER PHYSICS | 16 December 2025 | Pages: 804 - 809

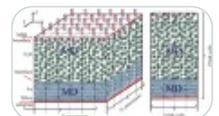


Suppression of the Low-Temperature Increase in the Van Der Waals Force by the Anomalous Skin Effect

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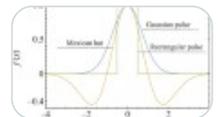
Simulation of the Interaction of Short Laser Pulses with Thin Films for the Production (Synthesis) of Nanoparticles

OPTICS AND LASER PHYSICS | 13 February 2026 | Pages: 812 - 818



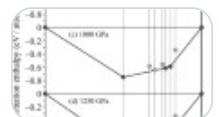
Effect of the Shape of Ultrashort X-Ray Pulses on Their Scattering on Crystals

OPTICS AND LASER PHYSICS | 13 February 2026 | Pages: 819 - 823

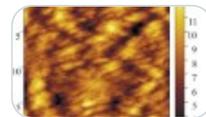


Ab Initio Calculations of Phase Stability in the N–H System at Pressures up to 1.5 TPa

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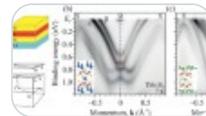


Coherent Subterahertz Phonons in InAs/GaSb Superlattices



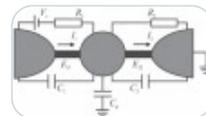
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Magnetically Active Lanthanide Silicide Blocks with a Strong Spin–Orbit Coupling for the Design of Magnetic Heterostructures



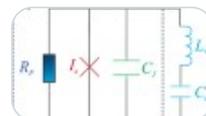
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Quantum Coulomb Drag for Cooper Pairs



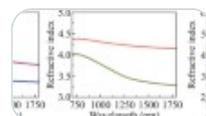
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Stabilization of Magnetization Precession in a Superconductor–Ferromagnet–Superconductor φ_0 Junction in the Ferromagnetic Resonance Region



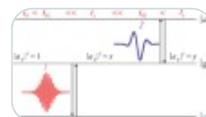
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Active Elements of Optical Phase Shifters Based on Thin $\text{Ge}_2\text{Sb}_2\text{Se}_4\text{Te}$, Sb_2Se_3 , and Bi_2Se_3 Films



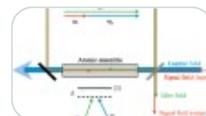
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Asymptotic Analysis of a Quantum Memristor on an Ultracold $^{171}\text{Yb}^+$ Ion



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Quantum Memory with a Frequency Conversion Interface



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