



Volume 123, Issue 2

January 2026

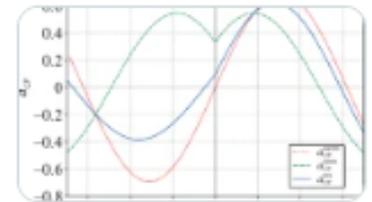
PLASMA GROUP OF COMPANIES
PUBLISHED BY SPRINGER NATURE

11 articles in this issue

Correction to CP-Asymmetry in $\Upsilon(4S)$ Decays Due to the Admixture of $B^0 \bar{B}^0$ in a C-Even State

N. A. Panchenko & S. I. Godunov

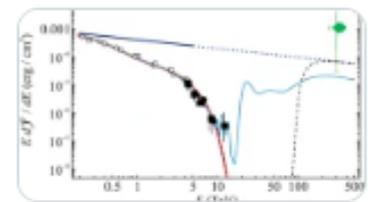
FIELDS, PARTICLES, AND NUCLEI | Open access | 14 January 2026 | Pages: 67 – 72



Testing New-Physics Scenarios with the Combined LHAASO and Carpet-3 Fluence Spectrum of GRB 221009A: Axion-Like Particles and Lorentz-Invariance Violation

P. S. Satunin & S. V. Troitsky

ASTROPHYSICS, SPACE PHYSICS, COSMOLOGY, AND GRAVITY | Open access | 14 January 2026 | Pages: 73 – 79



Search for Ultraviolet Signals from Fast Radio Bursts

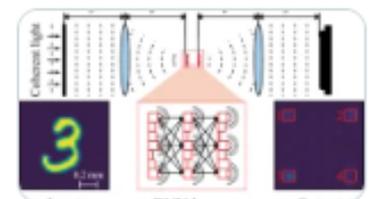
M. S. Pshirkov & I. V. Tyurin

ASTROPHYSICS, SPACE PHYSICS, COSMOLOGY, AND GRAVITY | 02 March 2026 | Pages: 80 – 84

Design Features of Optical Diffraction Neural Networks

A. V. Konovalova, A. A. Popkova ... A. A. Fedyanin

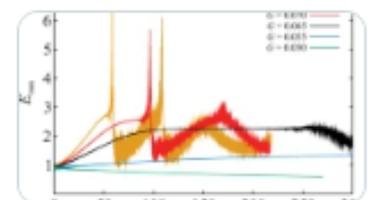
OPTICS AND LASER PHYSICS | Open access | 02 March 2026 | Pages: 85 – 92



Numerical Simulation of Light Structures in Bulk Epsilon-Near-Zero Media with Kerr Nonlinearity

V. P. Ruban

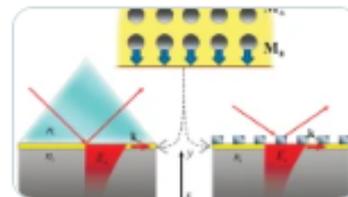
OPTICS AND LASER PHYSICS | Open access | 02 March 2026 | Pages: 93 – 99



Surface Axionic Magnon–Polaritons in Two-Dimensional Antiferromagnets

A. K. Zvezdin, K. A. Zvezdin & A. P. Pyatakov

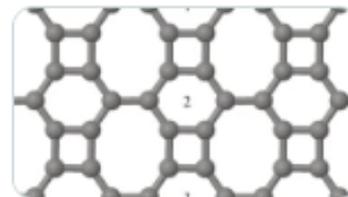
CONDENSED MATTER | Open access | 02 March 2026 | Pages: 100 – 105



Anisotropy of the Electron Mobility of Two-Dimensional Biphenylene Structures

V. L. Katkov & V. A. Osipov

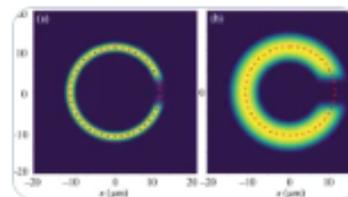
CONDENSED MATTER | 02 March 2026 | Pages: 106 – 112



On the Validity of the One-Dimensional Description for Ring Polariton Bose–Einstein Condensates

K. D. Dyad'kin, M. A. Posazhenkov & N. S. Voronova

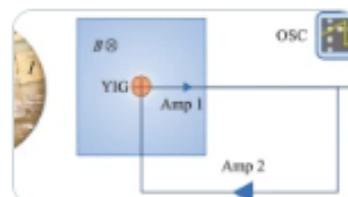
CONDENSED MATTER | 02 March 2026 | Pages: 113 – 118



Permanent Bose–Einstein Condensate

Yu. M. Bunkov, P. M. Vetoshko ... D. A. Samodelkin

CONDENSED MATTER | Open access | 02 March 2026 | Pages: 119 – 123



Permittivity of Antiferromagnetic Multiferroics with a Cycloidal Spin Order in the Presence of the Magnetoelectric Effect Related to a Collinear Spin Component

P. Andreev

CONDENSED MATTER | 02 March 2026 | Pages: 124 – 132

Experimental Investigation of Acoustic Kerker Effect in Labyrinthine Resonators

I. A. Timankova, M. V. Smagin ... M. I. Petrov

METHODS OF PHYSICAL RESEARCH | Open access | 14 January 2026 | Pages: 133 – 139

