

Language skills

Հայերեն Русский English 

Publications

Article

On-Demand Photopatterned Twisted Nematics for Generation of Polychromatic Vector Fields

Edvard Grigoryan, Hayk H. Harutyunyan, Hrayr Hakobyan, Sergey A. Shvetsov, Tetiana Orlova,

Mushegh Rafayelyan, Vahram L. Grigoryan

Crystals 2025 877

Article

Imbalanced spin-wave excitation on the exceptional line induced by anti-PT symmetry

breaking in a ferromagnetic trilayer system

Yueling Pan, Vahram L. Grigoryan, Jie Yang, Ke Xia

Physical Review B 2023 064428

Article

Pseudo-Hermitian magnon-polariton system with a three-dimensional exceptional surface

Vahram L. Grigoryan, Ke Xia

Physical Review B 2022 014404

Conference

Nonlinear spatiotemporal dynamics of liquid crystals under the illumination of an

inhomogeneous light field

A. Mirzoyan, M. Rafayelyan, V. Grigoryan

Conference

Bragg-Berry cavities: orbital angular momentum manipulation of broadband light beams

Sergey Shvetsov, Vahram Grigoryan, Valeri Abrahamyan, Nune Hakobyan, Hakob Margaryan,

Mushegh Rafayelyan