

## Institute of Physics

Chair of General Physics and Astrophysics named after Academician Victor  
Hambardzumyan  
Lecturer on an hourly basis

✉ mharutyunyan@ysu.am

## Publications

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### Article

#### **Magnetically Induced Transparency in Media with Helical Dichroic Structure**

Mushegh S. Rafayelyan, Gvidon K. Matinyan, Hermine Gharagulyan, Tatevik M. Sarukhanyan,

Meruzhan Z. Hautyunyan, Ilya M. Efimov, Nikolay A. Vanyushkin, Sergey S. Golik, Ashot H. Gevorgyan

MATERIALS 2021 2172

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### Manual

#### **Լաբորատոր պարապմունքների ուղեցույց: Մեխանիկա**

Մ.Հայրապետյան, Մ.Աբրահամյան, Ռ.Գաբրիելյան, Գ.Սուրադյան, Մ.Հարությունյան, Հ.Ենոքյան

2018 150

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### Article

#### **Polarization Properties of the Cholesteric Liquid Crystals**

A.H. Gevorgyan, M.Z. Harutyunyan, K.B. Oganessian, E.A. Ayryan, Michal Hnatic, M. Rafayelyan,

Yuri V. Rostovtsev, Gershon Kurizki

arXiv.org 2017 19

<https://arxiv.org/>

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### Article

#### **Absorption and emission in defective cholesteric liquid crystal cells**

A.H.Gevorgyan, M.Z. Harutyunyan, G. K. Matinyan, K. B. Oganessian, Yu. V. Rostovtsev, G. Kurizki,

M. O. Scully

Laser Physics Letters 2016 046002 (9pp)

<http://iopscience.iop.org/journal/1612-202X>

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