Roman Bakhshi Allahverdyan

Research Institute of Physics
Director
Research Institute of Physics
Director
Institute of Physics
Chair of Optics and Photonics
Professor

37496361198
37493361198
23-30
(060) 71-03-30

ralaverdyan@ysu.am

Language skills

Հայերեն Русский English

Publications

Article
Multimode Robust Lasing in a Dye-Doped Polymer Layer Embedded in a Wedge-Shaped Cholesteric
Tatevik M. Sarukhanyan, Hermine Gharagulyan, Mushegh S. Rafayelyan, Sergey S. Golik, Ashot H. Gevorgyan, Roman B. Alaverdyan
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Наблюдение электроконвекции в нематических жидких кристаллах рентгеноинтерферометрическим методом
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Lasing polarization peculiarities in cholesterics separated by dye-doped polymeric layer
T.M. Sarukhanyan, H. Gharagulyan, A.H. Gevorgyan, R.B. Alaverdyan
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The role of the geometric phase in cholesteric with a defect layer toward multimodal robust lasing
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Lasing peculiarities in cholesteric multilayer structure with dye-doped polymer film depending on the concentration of laser dye and pumping energy
T. M. Sarukhanyan, H. S. Gharagulyan, M. L. Sargsyan, H. Grigoryan, R. S. Hakobyan, A. H. Gevorgyan,

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T. Dadalyan, K. Petrosyan, R. Alaverdyan, R. Hakobyan

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Light energy accumulation by cholesteric liquid crystal layer at oblique incidence

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Экспериментальное исследование конвекции марангони в наножидкостях
Г. С. Геворгян, К. А. Петросян, Р. С. Акопян, Р. Б. Алавердян

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Enhanced physical properties of nematics doped with ferroelectric nanoparticles

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Лазерно-индуцированные термокапиллярные волны в изотропных и анизотропных жидкостях

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Гравитационный и термокапилляр-ный механизмы возбуждения гидродинамических движений в жидких кристаллах лазером с пространственно периодической структурой интенсивности

Р.С.Акопян, М.Р.Акопян, Р.Б.Алавердян, Ю.С.Чилингарян

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Алавердян Р. Б., Дадалян Т. К., Чилингарян Ю. С.

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CHIRAL PHOTONIC STRUCTURES WITH ANISOTROPIC DEFECT CONTROLLED BY HYDRODYNAMIC FLOW
R. B. Alaverdyan, T. K. Dadalyan

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Spectral investigation of chiral photonic structure with laser dye-doped isotropic polymer film
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Alaverdyan R. B., Dadalyan T. K., Karapetyan A. S., Torosyan N. S.

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