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Research Institute of Physics

Laboratory of Optoelectronics and Photonics

Senior researcher

🌐 Language skills

Հայերեն English Русский 🇷🇺

📖 Publications

Article

Developing flood hazard assessment software for Armenia

J. Matsuo, G.S. Gevorgyan, K. Shiwaku, A.S. Chilingaryan

Հգևաժամային կառավարում և տեխնոլոգիաներ 2023 15-23

Article

Applicability of the single-layer flat-coil-oscillator technology-based vibration and vibro-acoustic sensors in medical and biological study of the cardiovascular system: Advantages and perspectives of the carotid pulse wave registration

G. S. Gevorgyan, S. G. Gevorgyan, A. S. Khachunts, A. A. Tumanian, N. E. Tadevosyan

Review of Scientific Instruments 2022 054109

Article

Determination of the Elasticity Coefficients for Nematic Liquid Crystal Elastomers

Maksim Sargsyan, Gevorg Gevorgyan, Mariam Hakobyan, Rafik Hakobyan

Crystals 2022 1654

Article

On the possibility of recording and studying human movement activity with seismic sensors of a new type: Advantages and prospects of the single-layer flat-coil-oscillator technology based sensors

S.G. Gevorgyan, G.S. Gevorgyan, V.S. Gevorgyan, B.K. Kurghinyan, A.S. Khachunts, H.G. Shirinyan,

S.A. Khachunts

Review of Scientific Instruments 2021 055011

Article

Бесконтактное дальнеполевое неdestructивное сканирование различных структур и сред радиочастотным «магнитно-полевым» SFCO зондом - новая технология визуализации

С.Г. Геворгян, Г.С. Геворгян, А.С. Хачунц, С.А. Хачунц

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2020 63-77

Article

Non-Contact Far-Field Non-Destructive Scanning of Various Structures and Media by Radio-Frequency 'Magnetic-Field' SFCO-Probe - a New Type of Visualization Technology

A. S. Khachunts, S. G. Gevorgyan, G. S. Gevorgyan, S. A. Khachunts
Journal of Contemporary Physics (Armenian Academy of Sciences) 2020 46-56

Article

Экспериментальное исследование конвекции марангони в наножидкостях

Г. С. Геворгян, К. А. Петросян, Р. С. Акопян, Р. Б. Алавердян

Известия НАН РА. Физика (Journal of Contemporary Physics (Armenian Academy of Sciences) 2017
490-494

Article

Polarized light in anisotropic medium with twisting

R. B. Alaverdyan, A. L. Aslanyan, L. S. Aslanyan, G. S. Gevorgyan, S. Ts. Nersisyan

Journal of Contemporary Physics (Armenian Academy of Sciences) 2015 137-143

<http://www.springer.com/physics/particle+and+nuclear+physics/journal/11958>

Conference

Spatial evolution of light polarization in wedge-shaped cholesteric liquid crystal cell

R. Alaverdyan, L. Aslanyan, G. Gevorgyan, H. Gharagulyan, H. Hovakimyan, Zh. Ninoyan

Conference

**SFCO POSITION AND VIBRATION SENSORS AS A HIGHLY SENSITIVE TOOL FOR BEHAVIORAL
PHYSIOLOGY RESEARCH**

SG Gevorgyan, AS Khachunts, AA Tumanian, AR Sargsyan, GS Gevorgyan
