

Content

L.V. Myshelovka, A.D. Piatigor, K.A. Vokhmyanina, V.S. Sotnikova, A.A. Kubankina, Yu.V. Grigoriev Rotation of the 10 keV Electron Beam By 360° Using PVC Tubes.....	3
A.S. Abrahamyan, A.H. Mkrtchyan, V.E. Badoyan, R.Yu. Chilingaryan, M.A. Hakobyan, H.T. Hovhannisyan, S.A. Mkhitarian Aeroionizers for Prevention of Viral Diseases.....	7
V.V. Harutyunyan, A.O. Badalyan Modified Composite Thermal Control Coatings Irradiated with High–Energy Particles.....	14
L.S. Bezhanova, A.K. Atanesyan, R.P. Sukiasyan On a Specific Intermolecular Interactions in Nematic Liquid Crystal Systems.....	19
L.S. Bezhanova, A.K. Atanesyan The Influence of the Structural Features of Molecules on Spontaneous Polarization Value in Induced Ferroelectric Liquid Crystal Systems.....	28
M.M. Nazarov, A.A. Garmatina, A.V. Mitrofanov, D.A. Sidorov–Biryukov, P.A. Scheglov, M.V. Chashchin, F.V. Potemkin, V.M. Gordienko, A.M. Zheltikov, V.Ya. Panchenko Generation and Application of X–ray Pulses on a Terawatt Laser System.....	35
A.S. Taroyan, E.P. Kokanyan, Yu.A. Taroyan, N.N. Mkhitarian Phenomena of Absorption of Soft and Hard Components of Space Rays in the Atmosphere in Yerevan Conditions.....	42
R.P. Sukiasyan, R.A. Apreyan, A.A. Danghyan, L.S. Bezhanova, K.Yu. Suponitsky A.K. Atanesyan IR Vibration and Characterization of All L–Arginine Chlorides	46
H.R. Drmeyan, S.A. Mkhitarian Interferometric Method for Determination of X–ray Train Length	53
A.G. Sargsyan, S.M. Grigoryan X–Ray Study of Structural Changes in the Liquid Crystal System AOT / N–Heptane–Water Depending on the Concentration of Components.....	60
A.G. Sargsyan, S.M. Grigoryan Investigation of Structural Changes in the Liquid Crystal System AOT / n–Heptane–Water under the Influence of Vitamin E by the Method of X–ray Analysis.....	67
A.A. Danghyan Single Crystals of α–LiIO₃ Doped with L–arginine and L–nitroarginine.....	74
V.K. Sarian, A.H. Mkrtchyan, R.V. Meshcheryakov Opportunities for Transforming Fundamental Physics Research into an Innovative Product.....	79

I.A. Miloichikova, A.A. Bulavskaya, E.A. Bushmina, A.A. Grigorieva, A.A. Sorokina, S.G. Stuchebrov Comparison of Calculated and Experimental Depth Distributions of Gamma Radiation Doses in Polymer Media.....	86
S.A. Mkhitarian, A.P. Antonyan, A.R. Mnatsakanyan, M.A. Hovhannisyan, R.Y. Chilingaryan On Research, Creation, and Testing of Devices for Electronic Deployment of Permanent Continuous Analog Visible Recording of Low-Frequency Processes.....	92
A.I. Soghmonyan, S.A. Mkhitarian, J.P. Markosyan Screened Potential by Electron Gas.....	101
V.V. Nalbandyan, S.A. Mkhitarian, V.E. Badoyan, I.A. Babayan, A.H. Nalbandyan, A.H. Mkrtchyan On Research of Possibility of Application of Acoustophysical Methods for Diagnosis of Malignant Formations in Living Organisms.....	106