CHRONICLE

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The following papers will be published in the November issue of *Opticheskii Zhurnal* (Journal of Optical Technology), Vol. 78, No. 11, 2011.

Physical Optics. Extinction Coefficients and Luminescence of the CdSe/CdTe, CdTe/CdSe and CdTe/CdS Heterostructures Based on the Colloidal CdSe and CdTe Nanocrystals (D.N. Dirin, M.S. Sokolikova, R.B. Vasil'ev, and A.M. Gas'kov); A Spectral Study of the Self-Organization of Quantum Dots During Evaporation of Colloidal Solutions (V.E. Adrianov, V.G. Maslov, A.V. Baranov, A.V. Fedorov, and M.V. Artem'ev).

Computation, Design, and Manufacture of Optical Systems. Determination of the Birefringence Topography in Fluorite Crystals and Study of Its Effect on the Image Quality of Projection Photolithography Systems (M.A. Gan and E.A. Nikulina); A Large-Size Multispectral Lens (O.A. Lebedev, V.E. Sabinin, and S.V. Solk); Design of Light Shields in an Optical Right Mirror System with a Small Tilt Angle of the Mirror Planoid (S.A. Chuprakov).

Holography. The Effect of Filtration on the Statistical Image Characteristics in Implementation of the Linear Predictor Model Using Fourier Holography (Z.S. Bekyasheva and A.V. Pavlov); The Lensacon: Nonparaxial Effects (S.N. Khonina, N.L. Kazanskii, A.V. Ustinov, and S.G. Volotovskii).

Iconics: The Science of Images. The Use of a Method of the Depth Reconstruction from Focusing

for Microscopic Images (A.N. Averkin and A.S. Potapov).

Optical Instrumentation and Technology. A Scheme of Summing the Light Fluxes from a Gas-Discharge Lamp Array for a Solar Simulator (S.A. Krat, A.A. Filatov, and V.V. Khristich); A Passive Cryogenic Cooling System for a Geostationary Satellite (A.I. Abrosimov, K.M. Pichkhadze, V.K. Sysoev, A.A. Verlan, Lu Yan, Liu Dingzhen, Wang Shangang, and Li Zhong); A Fiber Optic Spark and Arc Detector with the Spectral Conversion of the Detected Radiation (D.S. Agafonova and A.I. Sidorov).

Optical Materials Science and Technology. Forming Nanosized $Y_2O_3:Eu^{3+}$ Coatings on Glass Surfaces Using Solutions Containing Polyvinylpyrrolidone (K.V. Dukel'skii and S.K. Evstrop'ev); Structural, Optical and Scintillation Characteristics of the ZnO Ceramics (E.I. Gorokhova, P.A. Rodnyi, K.A. Cherenko, G.V. Anan'eva, S.B. Eron'ko, E.A. Oreshenko, I.V. Khodyuk, E.P. Lokshin, G.B. Kunshina, O.G. Gromov, and K.P. Lott); Specific Features of the Optical and Nonlinear Optical Characteristics of Multilayered DAST Crystals (L.N. Asnis, Yu.E. Burunkova, A.V. Veniaminov, A.S. Knysh, and O.A. Minozhenko).

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