CHRONICLE

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The following papers will be published in the September issue of *Opticheskii Zhurnal* (Journal of Optical Technology), Vol. 78, No. 9, 2011.

Physical Optics. Nonlinear Absorption of Femtosecond Light Pulses During Two-Photon Resonance in Bulk Crystals and Nanostructures (E.Yu. Perlin, K.A. Eliseev, E.G. Idrisov, and Ya.T. Khalilov); Multiphoton Generation of Electron–Hole Pairs in Crystals with Deep Impurities (R.S. Levitskii, E.Yu. Perlin, and A.A. Popov).

Computation, Design, and Manufacture of Optical Systems. Position of the Entrance Pupil in an Optical System with Two Reflective Surfaces for Isoplanatic and Anastigmatic Correction of Primary Aberrations (E.V. Ermolaeva, V.A. Zverev, I.A. Korolyeva, and I.N. Timoshchuk); A Generalized Parametric Model of an Optical System and Its Analysis (V.A. Zverev and I.N. Timoshchuk); Aberrational Synthesis of Laser Optical Systems for Transformation of Multimode Beams (P.A. Nosov, V.Yu. Pavlov, I.I. Pakhomov, and A.F. Shirankov).

Holography. A Choice of the Parameters for Synthesis of Hologram-Projectors of a Focused Image (S.N. Koreshev and I.N. Korepin); Associative Links

between Words Stored in Human Memory According to a Holographic Memory Model (V.V. Orlov). *Iconics: The Science of Images.* Reconstruction of a Laser Beam Profile Based on Measuring Its Power in a Fringe Sequence (S.A. Varentsova and V.A. Trofimov).

Optical Instrumentation and Technology. A Backscattering Method for Monitoring Atmospheric Pollutants (V.P. Zakharov, E.V. Timchenko, P.E. Timchenko, O.N. Makurina, A.D. Zolotukhina, and S.V. Alembekov); Optically Addressed Light Modulators with a Large Phase Incursion (L.P. Amosova and M.N. Volkova); Measuring the Phase Difference Due to the Linear Birefringence Using a Differential Phase Polarimeter with a Rotated Analyzer (G.N. Vishnyakov, G.G. Levin, and A.G. Lomakin); A Multispectral Fluorescence Organoscope—A Device for In Vivo Study of Laboratory Animals and Their Organs (Kang Uk, G.V. Papayan, V.B. Berezin, Bae Soo-Jin, S.V. Kim, and N.N. Petrishchev); A Twyman Interferometer with the Wavefront Quality Governed Only by the Surface Errors of Its Optical Elements (V.S. Doladugina).

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