CHRONICLE

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The following papers will be published in the June issue of *Opticheskii Zhurnal* (Journal of Optical Technology), vol. 77, no. 6, 2010.

Physical Optics. Determination of Number of Different Heteroassociates in HF–Organic Solvent Solution by IR Spectroscopy (G.V. Yukhnevich, E.G. Taranova, and I.V. Bykov).

Computation, Design, and Manufacture of Optical Systems. Effect of Decentering Surfaces of Revolution on Image Position (V.A. Zverev, E.S. Rytova, and I.N. Timoshchuk).

Holography. Holographic Method of Aligning Two-Mirror Centered Optical Systems (V.P. Ivanov, N.P. Larionov, A.V. Lukin, and A.A. Nyushkin).

Iconics: The Science of Images. Three-Dimensional Imaging Based on Diffuse Light Reflection by Scanned Objects (N.N. Krasil'nikov and O.I. Krasil'nikova); Metrological Study and Selection of Optical Mark Shape in Digital Measuring Systems (A.N. Korolev, A.I. Gartsuev, G.S. Polishchuk, and V.P. Tregub).

Optical Instrumentation and Technology. Two-Coordinate Electrically Driven Liquid Crystal Optical

Phase Wedge (N.L. Ivanova, M.V. Isaev, M.A. Fedorov, V.P. Pokrovskii, and L.N. Soms); Simulation of the Parameters of a Polarimetric Magneto-optic Alternate Current Sensor with a Sensitive Twist-Type Lightguide Circuit (I.L. Lovchii); Study of Effect of Angle of Incidence of Actinic Radiation on Photomask Surface on Angular Errors in Dials Produced by Lift-Off Photolithography (D.Yu. Kruchinin); Optical Method of Commercial Grain Grading for Gluten Content (E.Yu. Buslov, B.A. Zon, A.V. Kornienko, and A.A. Spivakov).

Optical Materials Science and Technology. Mode Composition of Radiation in Microstructured Optical Fibers with Offset Core (V.V. Demidov, K.V. Dunkel'skii, and V.S. Shevandin); Distribution of Induced Birefringence in Lithium Niobate Crystal in Inhomogeneous External Electric Field (P.S. Lopatina and V.V. Krishtop); Synthesis of Film-Forming Materials Based on Vanadium Oxide for Production of Optical Coatings (V.V. Kirilenko, B.M. Zhigarnovskii, A.G. Beirakhov, I.P. Malkerova, A.V. Mikhailov, and I.I. Shaganov).

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