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The following papers will be published in the May issue of *Opticheskiĭ Zhurnal* (Journal of Optical Technology), vol. 77, no. 5, 2010.

Physical Optics. Transmission of Femtosecond Laser Pulses through an Optical Fiber (L.N. Asnis, Ya.V. Grachev, I.Yu. Denisyuk, and O.A. Smolyanskaya); Influence of the Surface Treatment Conditions of CsI Crystals on Their Intrinsic Luminescence (A.M. Kudin, L.A. Andryushchenko, V.Yu. Gres', A.V. Didenko, and T.A. Charkina).

Laser Physics and Technology. Cleaning of Metal Artworks by Laser Radiation at 1.06- and 10.6- μm (S.I. Kholodova, D.A. Goryachkin, L.V. Koval'chuk, and S.A. Smirnov); Cleaning of Stone Artworks by Laser Radiation at 10.6- and 1.06- μm (S.I. Kholodova, D.A. Goryachkin, and L.V. Koval'chuk).

Holography. Possibility of Implementation of Plausible Reasoning by the Fourier Holography Method (A.V. Pavlov).

Optical Instrumentation and Technology. Modern Methods of Designing Optical Systems for IR Spectral Range (N.A. Kulakova, A.R. Nasyrov, and I.M. Nesmelova); Blind Visor of a Passive Cryogenic Cooling System of a Detector for a Geostationary Satellite (A.I. Abrosimov, A.A. Verlan, and V.K. Sysoev).

Optical Materials Science and Technology. Use of Ion Polishing in Nanotechnologies of Preparing High-Precision Surfaces of Optical Components (L.A. Cherezova and A.V. Mikhailov); Effect of Temperature and Refractive Index of an Ambient Medium on Spectral Characteristics of Long-Period Fiber Gratings with a Corrugated Polymer Coating (A.I. Sidorov and A.A. Tsirukhin); Bending of Fused Silica Fiber with Nonconcentric Protective Coating (A.A. Makovetskiĭ); Athermal Phase Directions in Barium Borate Crystals (V.V. Filippov).

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