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SHAPING, PROPAGATION AND FOCUSING OF TERAHERTZ LASER BEAMS

Scientific monograph

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The monograph summarizes the results of studies of the intracavity formation of laser beams with inhomogeneous spatial polarization in the terahertz range, the physical features of their propagation in oversized waveguides and in free space are considered. New methods for diagnosing and controlling the radiation of focused laser beams are developed.

The monograph is intended for a wide range of scientists and engineers specializing in the field of laser physics and technology. The book will also be useful to teachers, graduate students and senior students of radiophysical and physical specialties studying the theory and practical methods of constructing optical systems and diffraction problems.

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