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The study guide is intended for laboratory works and brief lectures on optics for university students. The Study guide was compiled in accordance with the current curriculum for the general course of physics for students of physical and technical specialties. The study guide contains a set of fifteen brief lectures, descriptions of laboratory works on optics, it also includes the corresponding questions of optics and the principles of operation of various optical installations. Each laboratory work contains a brief theoretical description, an overview of the experimental device, a work assignment, and a methodology for carrying out an experiment. The methods of processing experimental and instrumental errors of the results are presented in the apex.

The study guide «Optics» is recommended to study for the 2nd and 3rd year full-time students of specialties 5B060400 – Physics, 5B071000 – Material science and Technology of New Materials, 5B071800 – Electric Power Engineering, 5B071700 – Thermal Power Engineering, 5B072300 – Technical Physics, 5B061100 – Physics and Astronomy, 5B060500 – Nuclear Physics and other technical and engineering specialties in educational programs of which the course of general physics is studied.

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