

THE IMPORTANCE OF MODERN PEDAGOGICAL TECHNOLOGIES IN LABORATORY CLASSES IN OPTICS

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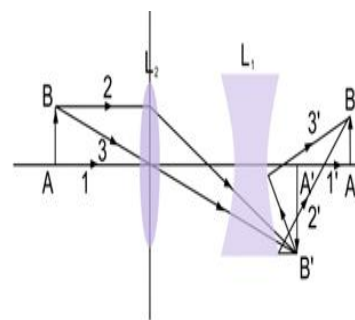
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ABSTRACT

This article analyzes the importance of modern pedagogical technologies in laboratory lessons from optics. In this regard, the improvement of the educational process in pedagogical universities includes not only the explanation of the essence of the laws of physics, but also the teaching of students in their future teaching activities on the basis of modern pedagogical technologies. Such conditions, called Gaussian optics, are fulfilled in limited cases, and in practice aberrations (image defects) are inevitable. Spherical aberration is considered to be one of the various defects of the image observed in the lens.

KEYWORDS: *Optics, Laboratory, Pedagogical Technology, Universities*

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