

PECULIARITIES OF DEPOLARIZATION
OF LINEARLY POLARIZED RADIATION
BY A LAYER OF THE ANISOTROPIC
INHOMOGENEOUS MEDIUM

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S u m m a r y

The interaction of a linearly polarized radiation with an inhomogeneous layer of the medium possessing a linear phase anisotropy has been studied. A theoretical model of the interaction of a polarized radiation with objects of this class has been developed. Theoretical and experimental researches of the dependences of the intensity and the polarization degree of transmitted radiation on the linear polarization azimuth of incident radiation have been carried out.