

EVOLUTION OF LIGHT POLARIZATION  
STATE IN NONLINEAR POLARIZATION  
ANISOTROPIC SUBSTANCE

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S u m m a r y

Changes in ellipticity and the azimuth of polarization of light during its propagation in the active medium with induced anisotropy are analyzed. The received formulas connect these changes with a type of quantum transition, brightness of radiation, and ellipticity of polarization of the input signal.