

INVESTIGATION OF POLARIZATION PROPERTIES OF MEDIA WITH LINEAR AMPLITUDE AND CIRCULAR PHASE ANISOTROPY IN TERMS OF POLAR DECOMPOSITION THEOREM

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Abstract

The polarization properties of anisotropy medium which are described by the second Jones equivalence theorem in terms of the polar decomposition theorem were investigated. The graphical interpretation of second Jones equivalence theorem for the studied class of media was demonstrated. Conditions for different types of complex anisotropy realized in the medium were obtained.

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