

# **POLARIZATION PROPERTIES OF ANISOTROPIC MEDIA WITH SINGULAR EIGENPOLARIZATION: POLAR DECOMPOSITIONS THEOREME APPROACH**

## **Contact Phone**

## **Abstract**

The polarimetric inverse problem for class of media with singular (linear and circular) eigenpolarizations in terms of Polar decomposition theorem was solved. The classes of media in which eigenwaves are propagated with different phase velocity, or differently absorbed have been considered. The basic types of anisotropy which characterized the classes of media were studied, as well as the anisotropy parameters that they described were obtained.

## **Type of Book of Abstracts**

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