

SOLUTION OF THE INVERSE PROBLEM  
OF POLARIMETRY FOR DETERMINISTIC  
OBJECTS ON THE BASE OF INCOMPLETE  
MUELLER MATRICES

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S u m m a r y

Using the Mueller matrix representation in the basis of the matrices of amplitude and phase anisotropies, a generalized solution of the inverse problem of polarimetry for deterministic objects on the base of incomplete Mueller matrices, which have been measured by the method of three input polarizations, is obtained.