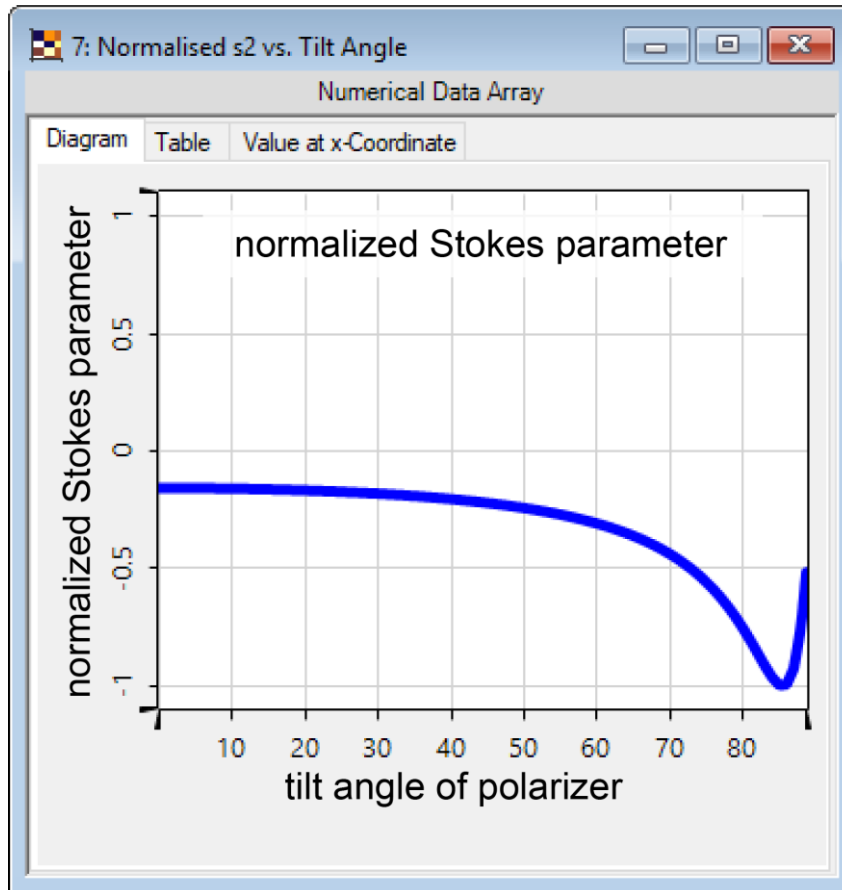


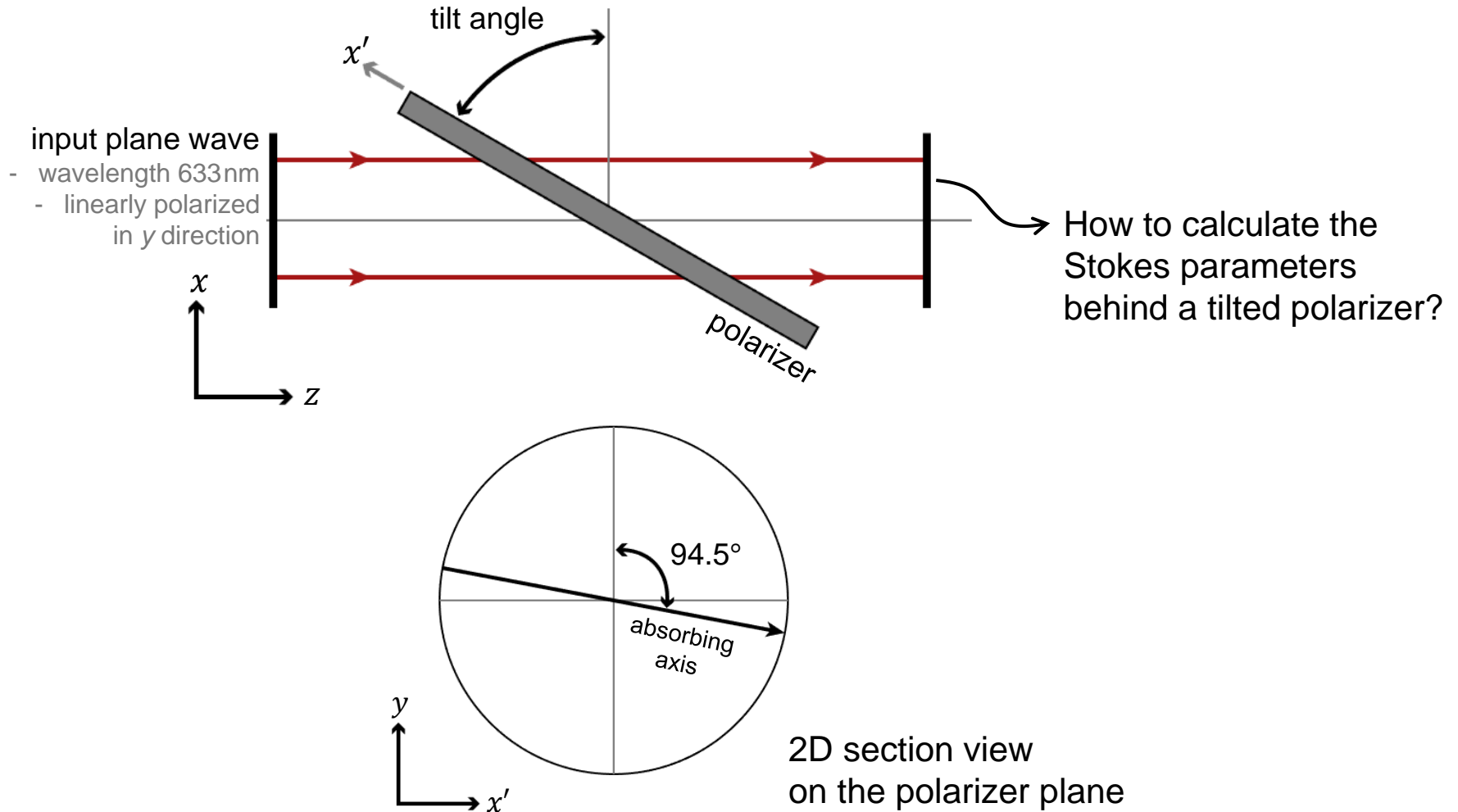
Stokes Parameters Measurement behind a Tilted Polarizer

Abstract

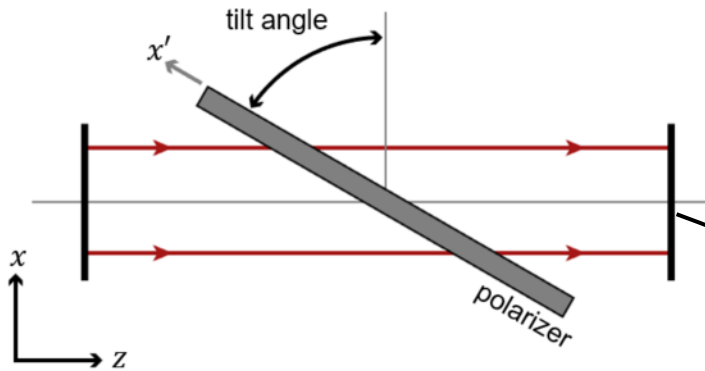


Polarizers are common components in various optical systems. To describe the functions of a polarizer, not only for the paraxial case but also beyond, an idealized model is implemented for non-paraxial cases in VirtualLab. As an example, the interaction of a polarizer with incident wave from different angles is investigated. The resulting field behind the polarizer is characterized by Stokes parameters.

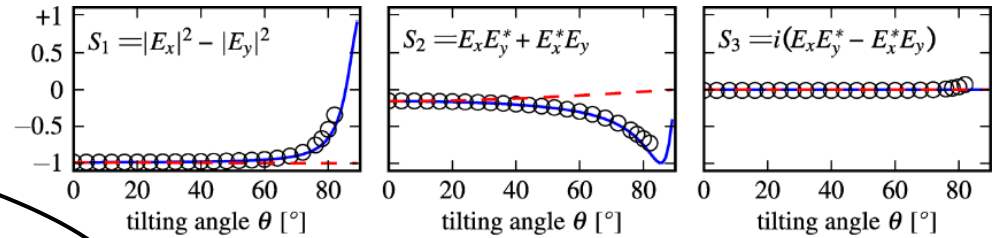
Modeling Task



Results

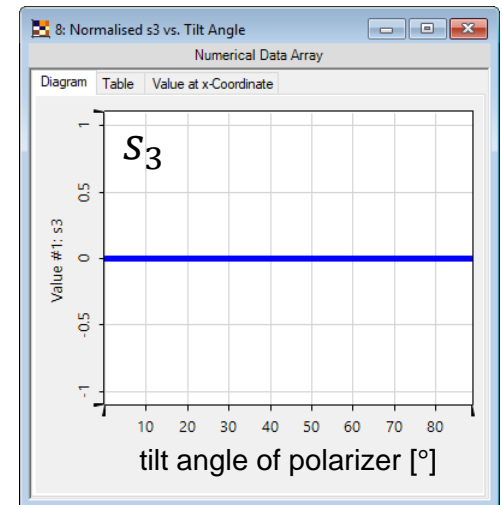
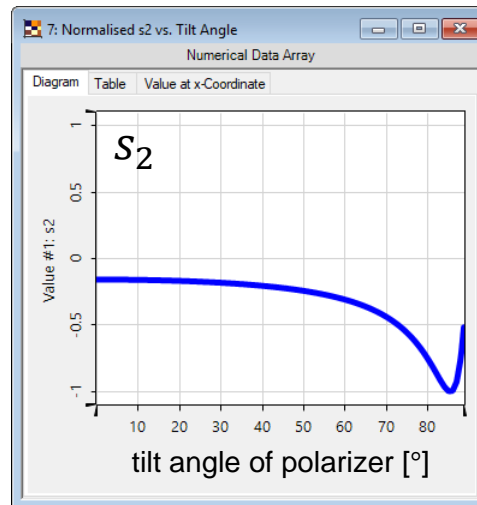
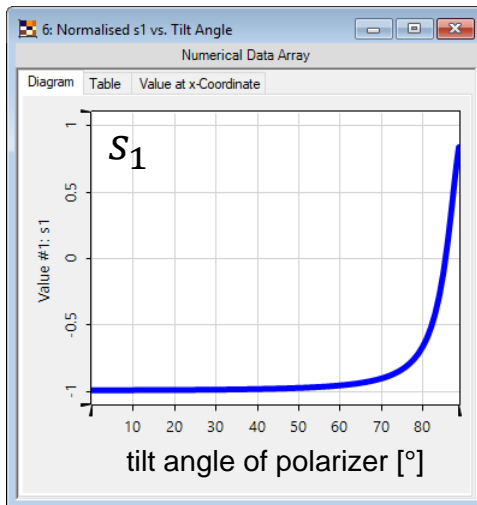


Experimental data from J. Koger, *et al.*, Opt. Express **21**(22), 27032–27042 (2013).



Investigation from 0 to 90° takes 40 seconds

normalized Stokes parameters



Document Information

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