

LightTrans' Talk at EOS Topical Meeting on Diffractive Optics 2019

Connection of Field Solvers: Microstructures and Lenses

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Abstract

We present the connection of two specific solvers, Fourier modal method and local plane interface approximation, in the context of a field-tracing approach, with full consideration of the vectorial effects. We apply it to the simulation of a high-numerical-aperture ultra-violet microscopy system for inspection of a nano-scaled wafer.