

# Abstracts

## Scattering from an Arbitrarily-Located Off-Axis Inhomogeneity in a Step-Index Optical Fiber (1978 [MWSYM])

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A. Safaai-Jazi and G.L. Yip. "Scattering from an Arbitrarily-Located Off-Axis Inhomogeneity in a Step-Index Optical Fiber (1978 [MWSYM])." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 113-115.

A Green's function formulation of an arbitrarily oriented off-axis dipole radiating in a dielectric rod waveguide is carried out. The analysis is applied to the problem of scattering from an arbitrarily-located inhomogeneity in a step-index optical fiber.

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