

# Abstracts

## A Method for Measuring the Refractive Index Profile of Thin-Film Waveguides (Letters)

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*R. Mittra and T. Itoh. "A Method for Measuring the Refractive Index Profile of Thin-Film Waveguides (Letters)." 1975 Transactions on Microwave Theory and Techniques 23.1 (Jan. 1975 [T-MTT] (Special Issue on Integrated Optics and Optical Waveguides)): 176-177.*

A method is described for determining the refractive index profile of an optical waveguide. An optimization algorithm has been employed to obtain the index profile from the measured reflection coefficient data. Several numerical experiments have been performed to prove the accuracy of the present method. Some of the results are included.

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