

Abstracts

Finite Element Analysis of Optical Waveguides (1980 [MWSYM])

N. Mabaya and P.E. Lagasse. "Finite Element Analysis of Optical Waveguides (1980 [MWSYM])." 1980 MTT-S International Microwave Symposium Digest 80.1 (1980 [MWSYM]): 329-331.

A finite element program for the analysis of anisotropic optical waveguides is described. The appearance of spurious numerical modes due to the fact that the functional is non positive definite is discussed and a possible solution to the problem is presented.

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