

Abstracts

Propagation Characteristics of TE-Waves Guided by Thin Films Bounded by Nonlinear Media (1994 Vol. I [MWSYM])

J.-G. Ma and I. Wolff. "Propagation Characteristics of TE-Waves Guided by Thin Films Bounded by Nonlinear Media (1994 Vol. I [MWSYM])." 1994 MTT-S International Microwave Symposium Digest 94.1 (1994 Vol. I [MWSYM]): 465-468.

The behaviour of nonlinear TE waves guided in asymmetrical dielectric waveguides with a specific generalized nonlinear substrate is analysed. Using an analytical solution for this nonlinear media the dispersion relation, the electric field profile and the cutoff frequency are illustrated and discussed.

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