

## Surface-wave suppression of resonance-type periodic structures

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*R.B. Hwang, S.T. Peng and C.C. Chen. "Surface-wave suppression of resonance-type periodic structures." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1525-1528.*

Periodic structures of the resonance type are investigated with a focus on the utilization of structure dispersion to achieve a wide-band operation for the surface-wave suppression. Both approximate and exact formulations are presented to illustrate wave processes involved in the resonant structure and to develop useful criteria for design purpose.

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