

Abstracts

A Simple Network Analog Approach for the Quasi-Static Characteristics of General Lossy, Anisotropic, Layered Structures (1985 [MWSYM])

V.K. Tripathi and R.J. Bucolo. "A Simple Network Analog Approach for the Quasi-Static Characteristics of General Lossy, Anisotropic, Layered Structures (1985 [MWSYM])." 1985 MTT-S International Microwave Symposium Digest 85.1 (1985 [MWSYM]): 511-514.

The quasi-static parameters of multilayered planar structures consisting of lossy and/or anisotropic dielectric media are computed by utilizing a simple, versatile discrete network analog having complex (e.g. , RL, RC) branches. The method is applied to compute the propagation constants, impedances, and field distribution for typical single and coupled strip structures.

 [Return to main document.](#)