

Abstracts

Computation of causal characteristic impedances

D.F. Williams and R.C. Wittmann. "Computation of causal characteristic impedances." 2000 MTT-S International Microwave Symposium Digest 00.3 (2000 Vol. III [MWSYM]): 1813-1816.

We develop a numerical method of determining the magnitude of characteristic impedance required by causal power-normalized circuit theories from its phase using a Hilbert-transform relationship. We also estimate the uncertainty in the method.

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