

Abstracts

A Frequency Domain TLM Method

H. Jin and R. Vahldieck. "A Frequency Domain TLM Method." 1992 MTT-S International Microwave Symposium Digest 92.2 (1992 Vol. II [MWSYM]): 775-778.

A new TLM method is presented which operates directly in the frequency domain while following the basic time domain solution procedure. The new method combines the flexibility of the conventional TLM method with the computational efficiency of frequency domain techniques. S-parameters for 3D waveguide discontinuities are calculated and good agreement is found with other methods.

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