

Modelling of General Constitutive Relationships in SCN TLM

L. de Menezes and W.J.R. Hoefer. "Modelling of General Constitutive Relationships in SCN TLM." 1995 MTT-S International Microwave Symposium Digest 95.2 (1995 Vol. II [MWSYM]): 365-368.

The modelling of general constitutive relationships in SCN (Symmetrical Condensed Node) TLM is presented. The technique consists of decoupling the scattering matrix from the medium by using equivalent node sources with state-variable formulation of the constitutive relationships. The procedure requires few modifications to TLM. Numerical examples are presented.

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