

Abstracts

Spurious Modes of the TLM-Condensed Node Formulation

J. Nielsen. "Spurious Modes of the TLM-Condensed Node Formulation." 1991 *Microwave and Guided Wave Letters* 1.8 (Aug. 1991 [MGWL]): 201-203.

The TLM method is based on temporal and spatial sampling of electromagnetic fields. As with the ND-TD method, this results in dispersive effects and propagating spurious modes that corrupt the field solution. The general dispersion relation for the TLM condensed node is used to quantify the propagation attributes of these spurious modes.

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