

Abstracts

Modification of the Condensed 3-D TLM Node to Improve Modeling of Conductor Edges

J.S. Nielsen and W.J.R. Hoefer. "Modification of the Condensed 3-D TLM Node to Improve Modeling of Conductor Edges." 1992 Microwave and Guided Wave Letters 2.3 (Mar. 1992 [MGWL]): 105-107.

A modified condensed node TLM structure is proposed which, when used in conjunction with the conventional condensed node, improves the field simulation in the vicinity of conductive edges. This results in a substantial improvement in modeling accuracy of stripline and finline type structures.

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