

# Abstracts

## Compensation of Coarseness Error in TLM Modeling of Microwave Structures with the Symmetrical Condensed Node

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*J.L. Herring and W.J.R. Hoefer. "Compensation of Coarseness Error in TLM Modeling of Microwave Structures with the Symmetrical Condensed Node." 1995 MTT-S International Microwave Symposium Digest 95.1 (1995 Vol. 1 [MWSYM]): 23-26.*

The coarseness error inherent in a TLM simulation involving sharp edges is reduced by increasing the speed of pulse propagation around the discontinuity with only a local mesh modification. The implementation of the technique is described in detail and the method is applied to a narrow band E-plane filter.

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