

# Abstracts

## Modeling of Nonlinear Active Regions in TLM

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*P. Russer, P.P.M. So and W.J.R. Hoefer. "Modeling of Nonlinear Active Regions in TLM." 1991 Microwave and Guided Wave Letters 1.1 (Jan. 1991 [MGWL]): 10-13.*

The modeling of active and nonlinear subregions of microwave structures using the transmission line matrix (TLM) method is discussed. It is shown that a correct modeling of subregions with negative conductivity is possible by lumped circuit elements connected to the TLM mesh nodes.

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