

## Dispersion Characteristics of the TLM Scheme with Symmetrical Super-Condensed Node

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*M. Krumpholz, L. Roselli and P. Russer. "Dispersion Characteristics of the TLM Scheme with Symmetrical Super-Condensed Node." 1995 MTT-S International Microwave Symposium Digest 95.2 (1995 Vol. II [MWSYM]): 369-372.*

The dispersion of the Symmetrical Super Condensed Node (SSCN) for isotropic media is investigated. Based on the dispersion analysis, the relations between the parameters of the scattering matrix and the parameters describing the media are given. The results are compared with those obtained for the FDTD method.

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