

# Abstracts

## Fundamental Even- and Odd-Mode Waves for Nonsymmetrical Coupled Lines in Non-Homogeneous Media

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*R.A. Speciale. "Fundamental Even- and Odd-Mode Waves for Nonsymmetrical Coupled Lines in Non-Homogeneous Media." 1974 S-MTT International Microwave Symposium Digest of Technical Papers 74.1 (1974 [MWSYM]): 156-158.*

Propagation experiments show the even-mode to have equal voltage-magnitudes and the odd-mode equal current-magnitudes. A new even-mode/odd-mode analysis is thus given for nonsymmetrical coupled-lines in non-homogeneous media, leading to the most general formulation of the 4 x 4 Y-matrix.

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