

Abstracts

Analysis of Nonuniform Transmission Lines on Curved Cross-Sections

P.A. McGovern. "Analysis of Nonuniform Transmission Lines on Curved Cross-Sections." 1978 MTT-S International Microwave Symposium Digest 78.1 (1978 [MWSYM]): 189-191.

Tapered plate nonuniform lines are analyzed using nonorthogonal coordinate descriptions and perturbation expansions emphasizing one-dimensional baseband waves and the field structure, with single term exact solution for the uniform wedge. Coaxial lines may also be treated by this method.

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