

# Abstracts

## The Numerical Solution of TEM Mode Transmission Lines with Curved Boundaries (Correspondence)

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C.T. Carson. "The Numerical Solution of TEM Mode Transmission Lines with Curved Boundaries (Correspondence)." 1967 *Transactions on Microwave Theory and Techniques* 15.4 (Apr. 1967 [T-MTT]): 269-270.

A finite difference solution of Laplace's equation has been used by several authors to obtain the transmission-line parameters of uniform TEM transmission lines with straight-line boundaries. This correspondence shows that useful results can also be obtained where the finite difference solution is modified to permit curved boundaries.

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