

Abstracts

Improved Accuracy for Commensurate-Line Synthesis (Short Papers)

J. Komiak and H.J. Carlin. "Improved Accuracy for Commensurate-Line Synthesis (Short Papers)." 1976 Transactions on Microwave Theory and Techniques 24.4 (Apr. 1976 [T-MTT]): 212-215.

By employing a simple transformation that preserves numerical accuracy, improved precision is obtainable using a Richards' extraction technique to obtain characteristic impedances of commensurate transmission-line structures. Furthermore, reduced sensitivity to coefficient truncation can result in computational savings.

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