

# Abstracts

## Uniform Multimode Transmission Lines (Short Papers)

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*H. Guckel and Y. Y. Sun. "Uniform Multimode Transmission Lines (Short Papers)." 1972 Transactions on Microwave Theory and Techniques 20.6 (Jun. 1972 [T-MTT]): 412-413.*

A consistent normal-mode theory for coupled uniform transmission lines is developed which properly accounts for the fact that some propagation constants may be equal. Explicit responses are calculated. The results are interpreted in terms of transmission-line networks which consist of simple lines and which are coupled via conductor sharing.

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