# Abstracts

## The Use of Non-Euclidean Geometry in Measurements of Periodically Loaded Transmission Lines

*R.L. Kyhl. "The Use of Non-Euclidean Geometry in Measurements of Periodically Loaded Transmission Lines." 1956 Transactions on Microwave Theory and Techniques 4.2 (Apr. 1956 [T-MTT]): 111-115.*

The propagation characteristics of periodically loaded transmission lines can be deduced from impedance measurements taken with a series of different terminating configurations in a manner analogous to the "nodal shift" method of measuring microwave junction characteristics. The non-Euclidean properties of impedance transformations form a particularly simple approach for analyzing measurements in the case of the loaded line.

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