

Abstracts

Bound on Scattering Elements for Irregularly Shaped Waveguides

K. Kalikstein. "Bound on Scattering Elements for Irregularly Shaped Waveguides." 1978 Transactions on Microwave Theory and Techniques 26.4 (Apr. 1978 [T-MTT]): 250-252.

A lower bound is obtained on the phase shifts that characterize the scattering of electromagnetic waves by obstacles in an irregularly shaped waveguide for which the form function is imprecisely known. A numerical example illustrates the method.

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