

# Abstracts

## Scattering of a Shielded Surface Wave by a Wall-Impedance Discontinuity (Correspondence)

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R.K. Arora and S. Vijayaraghavan. "Scattering of a Shielded Surface Wave by a Wall-Impedance Discontinuity (Correspondence)." 1970 *Transactions on Microwave Theory and Techniques* 18.10 (Oct. 1970 [T-MTT]): 734-736.

The Wiener-Hopf technique is used to compute the transmission and reflection coefficients of a shielded surface wave in a parallel-plate waveguide consisting of inductively reactive guiding surfaces and characterized by an abrupt wall-reactance discontinuity.

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