

Abstracts

Wood Anomalies in Diffraction from Strip Grating (Correspondence)

T. Itoh and R. Mittra. "Wood Anomalies in Diffraction from Strip Grating (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.1 (Jan. 1970 [T-MTT]): 54-55.

In this correspondence, numerical calculations have been carried out for the reflection and transmission coefficients of various order fields scattered from strip gratings. The work is based on an integral equation formulation followed by Galerkin's method of solution. The results exhibit the occurrence of Wood anomalies at the so-called Rayleigh wavelengths.

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