

Abstracts

Asymptotic Solution of Eigenvalue Equations for Surface Waveguide Structures (Correspondence)

A.W. Snyder and R. De La Rue. "Asymptotic Solution of Eigenvalue Equations for Surface Waveguide Structures (Correspondence)." 1970 Transactions on Microwave Theory and Techniques 18.9 (Sep. 1970 [T-MTT]): 650-651.

A very simple asymptotic solution to the eigenvalue equation of electromagnetic and acoustic surface waveguides is derived and shown to be accurate except where the mode has cutoff characteristics. The form of the solution is the same for both circular and planar geometries.

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