

Mathematical Methods in Electromagnetic Theory, MMET, Conference Proceedings, 2008, pages 492-494

Eigen waves of semi-opened waveguide structures

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Abstract

The properties of the eigen waves of two waveguide structures are investigated in two cases: for semi-opened dielectric waveguide and for semi-opened elastic waveguide. It is proved that modes of semiopened waveguides belonging to discrete and to continuous parts of spectrum form the orthogonal system. © 2008 IEEE.

<http://dx.doi.org/10.1109/MMET.2008.4581040>
