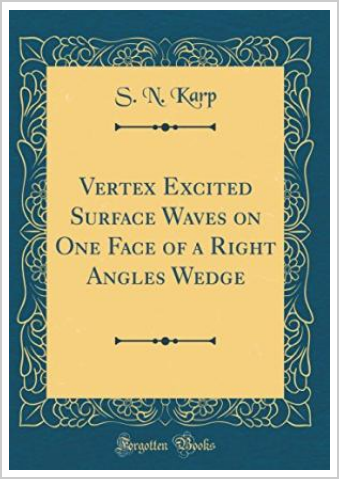

Vertex Excited Surface Waves on One Face of a Right Angles Wedge (Classic Reprint) (Hardback)

By S N Karp

Forgotten Books, 2017. Hardback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****. Excerpt from Vertex Excited Surface Waves on One Face of a Right Angles Wedge 1. Introduction The problem of the propagation of electromagnetic waves produced by a magnetic line dipole source located at the corner of a right angled wedge is considered. It is assumed that an impedance or mixed boundary condition is prescribed on one of the wedge surfaces and that a homogeneous boundary condition is prescribed on the other. The impedance boundary condition is such that surface waves are generated. The amplitude of the surface wave is determined. A comparison is made between the magnitude of the surface wave for this problem and that of a magnetic-line dipole source located at the corner of a right angled wedge with the same impedance boundary condition prescribed on both surfaces. The latter problem has already been treated by the authors. (See Karp and Karal.) The comparison of the surface waves for the two different configurations is made on the assumption that the sources have the same strength. The far field representation of the radiated electromagnetic field is also given. About the Publisher Forgotten...

Reviews

This created book is wonderful. This is for all those who statte that there was not a worth reading. Your way of life span will likely be enhance as soon as you comprehensive looking at this publication.

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The publication is great and fantastic. It can be filled with knowledge and wisdom You wont truly feel monotony at at any moment of your time (that's what catalogues are for about if you ask me).

-- ***Dr. Marcos Grimes III***