

Abstracts

Nonuniform, Inhomogeneous, and Anisotropic Waveguides

R.W. Klopfenstein. "Nonuniform, Inhomogeneous, and Anisotropic Waveguides." 1956 Transactions on Microwave Theory and Techniques 4.4 (Oct. 1956 [T-MTT]): 193-196.

This paper discusses in a general way some of the properties of nonuniform, inhomogeneous, and anisotropic waveguides and transmission lines. No attempt is made to discuss in detail the behavior of any particular type of waveguide except for the purposes of example. Most of the points discussed are well known separately, but an attempt has been made to bring some of general properties of special types of waveguide together in order to unify them, and, thus, it is hoped, to contribute to the over-all understanding of guided wave phenomena.

 [Return to main document.](#)