Abstracts

General Constraints Upon Inhomogeneous Guided Wave Structures

J.D. Rhodes. "General Constraints Upon Inhomogeneous Guided Wave Structures." 1970 G-MTT International Microwave Symposium Digest of Technical Papers 70.1 (1970 [MWSYM]): 240-241.

During the last decade a large variety of inhomogeneous guided wave structures have been analysed in order to enable them to be used as microwave components. Circular or rectangular waveguides inhomogeneously loaded with dielectrics, ferrites or plasmas together with the conventional microstrip structures are probably the most common devices which have been analysed. However, few significant results have been obtained relating to the fundamental restrictions upon the behaviour of these classes of structures.

❑ Return to main document.