

Abstracts

Microsound Surface Waveguides

E.A. Ash, R.M. De La Rue and R.F. Humphryes. "Microsound Surface Waveguides." 1969 Transactions on Microwave Theory and Techniques 17.11 (Nov. 1969 [T-MTT] (Special Issue on Microwave Acoustics)): 882-892.

An important requirement for the development of surface wave microsound systems is the ability to guide the energy. The theoretical and experimental progress towards this aim is reviewed. Some preliminary results on topographic guides are presented. Measurement techniques make use of phase-sensitive laser probes to detect the CW surface waves. The technique permits very accurate determination of dispersion characteristics.

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