

Abstracts

Performance of Ferrites in the Microwave Range (Abstract)

A.G. Fox. *"Performance of Ferrites in the Microwave Range (Abstract)." 1953 Transactions on Microwave Theory and Techniques 1.1 (Mar. 1953 [T-MTT]): 22-22.*

The discovery of microwave Faraday rotation in ferrites has opened up a whole new field of investigation and applications. An elementary explanation of the cause of Faraday rotation will be given with the aid of a model of a spinning electron, which can demonstrate ferromagnetic resonance and negative permeability. Some of the applications of ferrites to microwave circulators, modulators and phase changers will be discussed.

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