

Abstracts

On the Classification of Electromagnetic Waves in Ferrite Rods (Correspondence)

F.W. Schott and T.F. Tao. "On the Classification of Electromagnetic Waves in Ferrite Rods (Correspondence)." 1968 Transactions on Microwave Theory and Techniques 16.11 (Nov. 1968 [T-MTT]): 959-961.

Numerous studies of electro-magnetic waves in longitudinally magnetized ferrite rods have been made by various workers, yet the interrelationship between these various investigations is often not revealed. The use in this correspondence of a classification scheme based on the character of the radial wave numbers in the ferrite has accomplished two results: first, it has revealed characteristics of the modal solutions which were not previously apparent, and second, it has allowed the various studies to be placed in perspective and has clarified their relationship to one another.

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