

Abstracts

The Electric Field and Wave Impedance in Spin Wave Propagation (Correspondence)

I. Kaufman and R.F. Soohoo. "The Electric Field and Wave Impedance in Spin Wave Propagation (Correspondence)." 1965 Transactions on Microwave Theory and Techniques 13.5 (Sep. 1965 [T-MTT]): 703-704.

The propagation of electromagnetic waves in magnetic materials, allowing exchange coupling, has been treated by Auld and by Soohoo. Their calculations involved the simultaneous solution of Maxwell's equations and the equation of motion the magnetization, for plane waves.

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