

Abstracts

On the Definitions of Parameters in Ferrite-Electromagnetic Wave Interactions (Letters)

D.M. Bolle and L. Lewin. "On the Definitions of Parameters in Ferrite-Electromagnetic Wave Interactions (Letters)." 1973 Transactions on Microwave Theory and Techniques 21.2 (Feb. 1973 [T-MTT]): 118-118.

Conflicting definitions of the parameters characterizing the material in ferrite-electromagnetic wave interactions occur in the current literature, as well as do actual sign errors that are difficult to detect because of the variety of signs appended to the relevant quantities by different authors. A harmonious set of definitions are set out and their consistency illustrated using the case of a uniform circularly polarized plane wave.

 [Return to main document.](#)