

Abstracts

Use of Symmetry in the Variational Treatment of a Magnetoplasma-Filled Waveguide (Correspondence)

K.S. Champlin. "Use of Symmetry in the Variational Treatment of a Magnetoplasma-Filled Waveguide (Correspondence)." 1969 Transactions on Microwave Theory and Techniques 17.7 (Jul. 1969 [T-MTT]): 401-401.

A variational expression for the propagation coefficients of the normal modes of an axially magnetized plasma-filled waveguide is formulated in terms of waveguide symmetry. This new expression is shown to be more useful than expressions derived previously.

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