

Abstracts

Systematic Derivation of Variational Expressions for Electromagnetic and/or Acoustic Waves

K. Morishita and N. Kumagai. "Systematic Derivation of Variational Expressions for Electromagnetic and/or Acoustic Waves." 1978 Transactions on Microwave Theory and Techniques 26.9 (Sep. 1978 [T-MTT]): 684-689.

A systematic procedure generalized to derive the variational expressions for electromagnetic and/or acoustic field problems is proposed. It is shown that the variational expressions useful to treat the systems involving electromagnetic waves or acoustic waves or both can be formulated systematically all from the simple and basic principle of least action point of view.

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