

Abstracts

Application of Moment-Methods to Electromagnetic Biological Imaging

M.J. Hagmann, O.P. Gandhi and D.K. Ghodgaonkar. "Application of Moment-Methods to Electromagnetic Biological Imaging." 1981 MTT-S International Microwave Symposium Digest 81.1 (1981 [MWSYM]): 482-482.

An explicit solution has been obtained for the dielectric properties of an inhomogeneous dielectric scatterer in terms of measured values of the incident and externally-scattered fields. Effects of secondary media, localized sources, and other means for improving the numerical stability will be described.

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