

Abstracts

Electromagnetic Fields Induced Inside Arbitrarily Shaped Biological Bodies

D.E. Livesay and K.-M. Chen. "Electromagnetic Fields Induced Inside Arbitrarily Shaped Biological Bodies." 1974 Transactions on Microwave Theory and Techniques 22.12 (Dec. 1974, Part II [T-MTT] (1974 Symposium Issue)): 1273-1280.

A theoretical method has been developed to determine the electromagnetic field induced inside heterogeneous biological bodies of irregular shapes. A tensor integral equation for the electric field inside the body was derived and solved numerically for various biological models.

[Return to main document.](#)