Abstract

This paper presents an analytic method for determining the potential distribution within an idealized cylindrical limb that contains an active nerve trunk. The limb also contains a major inhomogeneity (a bone) and skeletal muscle, both of which are assumed to be anisotropic.

Citation

"Potential Field From an Active Nerve in an Inhomogeneous Anisotropic Conductor: The Forward Problem." With O. B. Wilson, J. W. Clark and N. Ganapathy. IEEE Transactions on Biomedical Engineering, December, 1985.