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Abstrak

ABSTRAK

Electrophysiological properties of cardiac tissue change as a function of position. We define the "excitability" as the propagation velocity of an excitation pulse through the tissue, and study a simple FitzHugh-Nagumo (FHN) model of heart tissue whose excitability changes with position. The propagation velocity is shown to be a good continuous measure of the excitability for both limit cycle and excitable tissues.