

Seminar in Nonlinear Systems

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Comparison of Wave-Speeds

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Peirce 218

Abstract: It is well known that different biological or biophysical mechanisms, phenomena and dynamic process are usually modeled by different equations and these models generate waves with different speeds. My goal in this section is to compare how various mechanisms and dynamic processes (represented by parameters and kernel functions) influence the wave-speeds, which are interesting issues in applied mathematics and computational neuroscience.

Refreshments provided