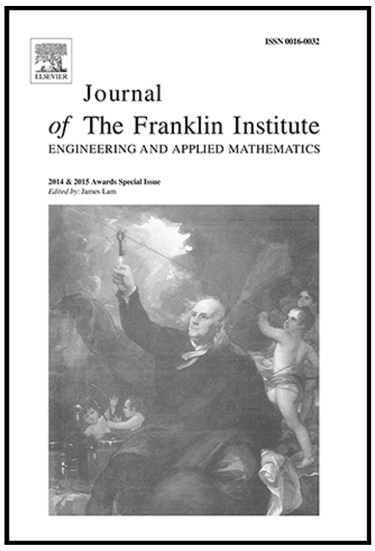

Global synchronization in nonlinearly coupled delayed memristor-based neural networks with excitatory and inhibitory connections

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Highlights

- New theory on synchronization of nonlinearly coupled memristor-based neural networks with delays.
- The model can have both internal delay and transmission delay.
- The coupling function comprises a nonlinear term and a sign term.
- The coupling scheme allows the coexistence of excitatory and inhibitory connections.