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Synchronization of Coupled Heterogeneous Complex Networks

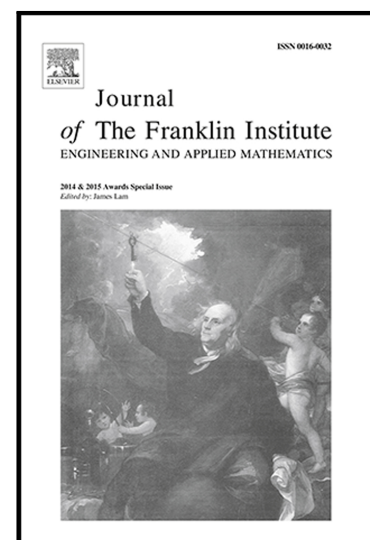
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HIGHLIGHTS

- Synchronization in heterogeneous complex networks which do not depend on any external controller but only rely on the internal coupling is investigated. Quasi synchronization of heterogeneous complex networks can be reached without any external controller.
- Heterogeneous complex networks with impulsive coupling which means the networks only have coupling at some discrete impulsive instants are studied.
- Some sufficient conditions on quasi synchronization of heterogeneous complex networks are derived. The upper bound of error is solved.

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