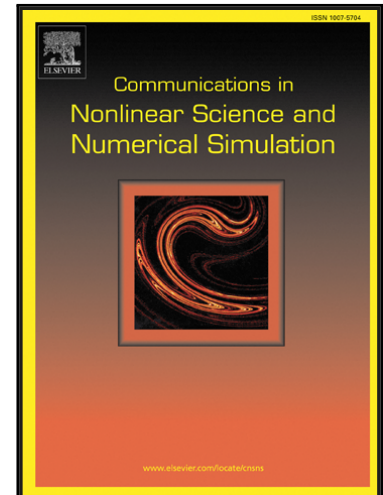


## Accepted Manuscript

General Decay Synchronization of Complex Multi-links Time-varying Dynamic Network

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PII: S1007-5704(18)30192-8  
DOI: [10.1016/j.cnsns.2018.06.015](https://doi.org/10.1016/j.cnsns.2018.06.015)  
Reference: CNSNS 4557



To appear in: *Communications in Nonlinear Science and Numerical Simulation*

Received date: 5 March 2018  
Revised date: 24 April 2018  
Accepted date: 11 June 2018

Please cite this article as: Mingwen Zheng, Lixiang Li, Haipeng Peng, Jinghua Xiao, Yixian Yang, Yanping Zhang, Hui Zhao, General Decay Synchronization of Complex Multi-links Time-varying Dynamic Network, *Communications in Nonlinear Science and Numerical Simulation* (2018), doi: [10.1016/j.cnsns.2018.06.015](https://doi.org/10.1016/j.cnsns.2018.06.015)

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**Highlights**

- We discuss the decay synchronization problem of CMTDNs.
- We design a novel nonlinear feedback controller and a Lyapunov function.
- Some sufficient conditions are derived to ensure the decay synchronization of CMTDNs/CMDNs.
- The main results can easily extended to exponential synchronization, polynomial synchronization and logarithmic synchronization.
- Two simulations are shown to present the correctness of the main results.

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