

Accepted Manuscript

Finite-time Synchronization of inertial memristive neural networks with time-varying delays via sampled-date control

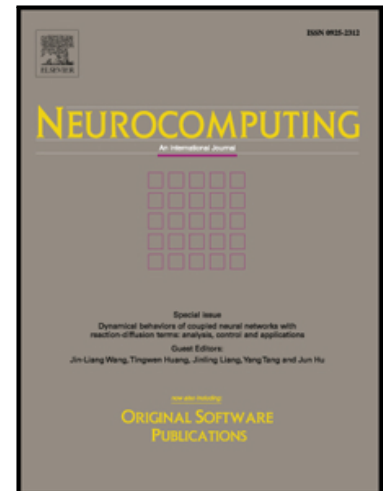
Dasong Huang, Minghui Jiang, Jigui Jian

PII: S0925-2312(17)30963-3
DOI: [10.1016/j.neucom.2017.05.075](https://doi.org/10.1016/j.neucom.2017.05.075)
Reference: NEUCOM 18493

To appear in: *Neurocomputing*

Received date: 12 January 2017
Revised date: 24 April 2017
Accepted date: 25 May 2017

Please cite this article as: Dasong Huang, Minghui Jiang, Jigui Jian, Finite-time Synchronization of inertial memristive neural networks with time-varying delays via sampled-date control, *Neurocomputing* (2017), doi: [10.1016/j.neucom.2017.05.075](https://doi.org/10.1016/j.neucom.2017.05.075)



This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlights

- We establish several sufficient conditions for finite-time synchronization between the master and corresponding slave memristor-based neural network with the controller.
- We discuss deeply on the relationship between the parameter ξ_i and estimated value of settling time in the different case, and we get the minimum estimated value of settling time .
- We design the hybrid feedback controller with sampled-date term to study the finite-time synchronization of inertial memristive neural networks.

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/4946963>

Download Persian Version:

<https://daneshyari.com/article/4946963>

[Daneshyari.com](https://daneshyari.com)