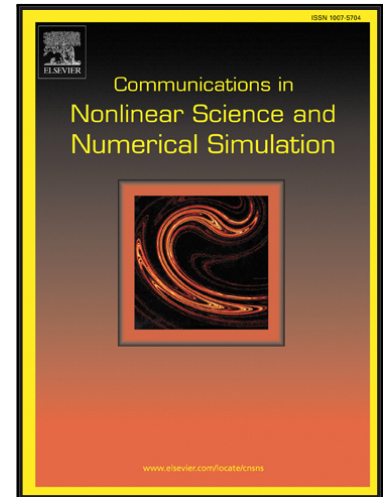


## Accepted Manuscript

Exponential Synchronization for Stochastic Neural Networks with Multi-delayed and Markovian Switching via Adaptive Feedback Control

Dongbing Tong, Wuneng Zhou, Xianghui Zhou, Jun Yang, Liping Zhang, Yuhua Xu

PII: S1007-5704(15)00184-7  
DOI: [10.1016/j.cnsns.2015.05.011](https://doi.org/10.1016/j.cnsns.2015.05.011)  
Reference: CNSNS 3553



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

Received date: 26 July 2014  
Revised date: 5 February 2015  
Accepted date: 13 May 2015

Please cite this article as: Dongbing Tong, Wuneng Zhou, Xianghui Zhou, Jun Yang, Liping Zhang, Yuhua Xu, Exponential Synchronization for Stochastic Neural Networks with Multi-delayed and Markovian Switching via Adaptive Feedback Control, *Communications in Nonlinear Science and Numerical Simulation* (2015), doi: [10.1016/j.cnsns.2015.05.011](https://doi.org/10.1016/j.cnsns.2015.05.011)

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**

- A new adaptive synchronization problem is studied for the stochastic neural networks with multi-delayed Markovian switching;
- A  $M$ -matrix algorithm of the adaptive controller is obtained by using a new nonnegative function;
- These synchronization conditions are much different to those of linear matrix inequality (LMI).

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/7155383>

Download Persian Version:

<https://daneshyari.com/article/7155383>

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