

# CURRICULUM VITAE

Name: **ZHAOWEN XU**

M/F: Male

Date of Birth: Jun. 16<sup>th</sup>, 1991

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## Education

- **PhD** (2013-present)
  - *Department of Control Science and Engineering*
  - *Zhejiang University*
- **Bachelor of Engineering** (2009-2013)
  - *School of Power and Mechanical Engineering*
  - *Wuhan University*

## Research Interest

Markov jump systems

Sampled-data control systems

Neural networks

## Academic Experience

2015.11-2016.05 **Visiting student**, *School of Electrical and Electronic Engineering*, University of Adelaide, Australia

## List of Journal Paper

1. Zhaowen Xu, Hongye Su, Huiling Xu, and Zheng-Guang Wu, *Asynchronous  $H_\infty$  filtering for discrete-time Markov jump neural networks*, *Neurocomputing*, 2015, 157: 33-40.
2. Zhaowen Xu, Hongye Su, Zheng-Guang Wu, and Jie Tao, *Distributed asynchronous passive filtering for nonlinear Markov jump systems*, *Industrial Electronics Society, IECON 2015-41st Annual Conference of the IEEE*, 2015: 000683-000687.
3. Zhaowen Xu, Peng Shi, Hongye Su, Zheng-Guang Wu, and Tingwen Huang, *Global  $H_\infty$  Pinning Synchronization of Complex Networks with Sampled-Data Communications*. (Submitted to *IEEE transactions on Neural Networks and Learning Systems*)
4. Zhaowen Xu, Hongye Su, Peng Shi, Renquan Lu, and Zheng-Guang Wu, *Reachable Set Estimation for Markovian Jump Neural Networks with Time-varying Delays*. (Submitted to *IEEE transactions on Cybernetics*)
5. Zhaowen Xu, Hongye Su, Peng Shi, Michael Z. Q. Chen, and Zheng-Guang Wu, *Non-Fragile  $H_\infty$  State Estimation for Complex Networks with Switching Topologies*. (Submitted to *IEEE transactions on Neural Networks and Learning Systems*)

## Foreign Language Proficiency

IELTS 7/9 (Reading: 8.5/Listening: 7/writing: 6/Speaking: 5.5)