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Education

- Visiting Ph.D. Student in Aeronautics & Astronautics Department, University of Washington
- Ph.D. Candidate in Automation, Shanghai Jiao Tong University

Research Interests

- Networked Systems
- Semi-autonomous Networks
- Graph Theory
- Human-swarm Interaction
- Network Optimization

Publications

- Haibin Shao and Mehran Mesbahi (2014) "Degree of Relative Influence for Consensus-type Networks". Proceedings of the American Control Conference. (Accepted)
- Haibin Shao, Yufan Zheng, Yugeng Xi (2011) "Consensus of second-order multi-agent systems under time-varying communication networks", 101-106. Proceedings of Asian Control Conference.
- Yufan Zheng, Haibin Shao, Weiyun Pan (2009) "Consensus problem of double-integrator dynamics system under time-varying networks", 343-348. Proceedings of Asian Control Conference.
- Linglin Shu, Yufan Zheng, Haibin Shao, Weiyun Pan (2009) "Aggregation stability of multiple agents with general nonlinear attraction and repulsion forces", 303-308. Proceedings of IEEE International Conference on Control and Automation.
- Jidong Jin, Yufan Zheng, Haibin Shao, Linglin Shu (2010) "Consensus problem of second-order multi-agent system in directed network: a matrix analysis approach", 3970-3975. Proceedings of Chinese Control and Decision Conference.

Awards

- Shanghai Jiao Tong University "Zhao Zhu Mu lan" Scholarship (2011)
- Shanghai Jiao Tong University Research Fund for Graduates (2010)
- Shanghai University Research Fund for Graduates (2009)
- National Post-Graduate Mathematical Contest in Modeling Award (2007)

- Contemporary Undergraduate Mathematical Contest in Modeling Award (2006)