

Yanhua YANG

Education Status: Full-time 3rd year graduate student at Central South University.

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Research Interests

Multi-Agent System; Distributed Control; Antagonistic Network; Rotating Consensus.

Education Background

September 2018 – July 2021 (Expected Graduation) | Master of Engineering | Central South University (School of Automation) (Ranked 16th in the mainland, China)

- Major: Control Science of Engineering.

September 2014 – July 2018 | Bachelor of Engineering | Yanshan University (School of Electrical Engineering) (Ranked 92nd in the mainland, China)

- Major: Automation.

Academic Publications

Journal paper

- Wenfeng HU, **Yanhua Yang**, Min MENG, Bipartite consensus of double-integrator multi-agent systems with nonuniform communication time delays, **Neural Computing and Applications** (Impact Factor: 4.664), June, 2020.
- Rui DING, Wenfeng HU, **Yanhua YANG**, Rotating consensus control of double-integrator multi-agent systems with event-based communication, **SCIENCE CHINA Information Sciences** (Impact Factor: 2.731), May, 2020.
- Containment control of double-integrator multi-agent systems with time-varying delays. **IEEE/CAA Journal of Automatica Sinica (JAS)**, resubmitted.
- Rotating consensus of double-integrator multi-agent systems with signed directed graphs, submitted to **Neurocomputing**.

Conference paper

- **Yanhua YANG**, Rui DING, Wenfeng HU, Bipartite consensus for a class of double-integrator multi-agent systems with antagonistic interactions, **2019 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM)**, July, 2019, HongKong.
- **Yanhua YANG**, Wenfeng HU, Rotating consensus of second-order multi-agent systems with signed directed graphs, **21st IFAC World Congress (IFAC)**, July, 2020, Berlin, Germany.

- **Yanhua YANG**, Wenfeng HU, Consensus of double-integrator multi-agent systems with directed networks and nonuniform communication time delays, **the 16th IEEE International Conference on Control and Automation (ICCA)**, July, 2020, Hokkaido, Japan.

Conference Attendances

- Presenter in the **21st IFAC World Congress (IFAC)**, July, 2020, Berlin, Germany. (Virtual conference)
- Presenter in the **2019 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM)**, July, 2019, HongKong.
- Presenter in the **16th IEEE International Conference on Control and Automation (ICCA)**, July, 2020, Hokkaido, Japan. (Virtual conference)
- Participant in the **Chinese Automation Congress (CAC)**, November, 2019, Hangzhou, China.
- Participant in the **'Artificial Intelligence+' Academician Summit Forum**, December, 2018, Changsha, China.

Awards and Honors

Master

- 2nd prize of **Academic Scholarship for Graduate Students**, 2019-2020.
- 2nd prize of **Academic Scholarship for Graduate Students**, 2018-2019.
- Project: 'Consensus control of double fractional integrator multi-agent systems with directed networks', **the Fundamental Research Funds for the Central Universities**, 2019-2020, RMB 10, 000.

Bachelor

- National 2nd prize, **the 15th Challenge Cup**, 2017-2018.
- National 3rd prize, **the 11th iCAN International Contest of Innovation**, 2017-2018.

Peer Reviewer

- ICCA 2020.

Languages

Native Language

- Chinese.

Second Language

English (Fluent):

- Chinese Mainland's College English Test Band 6: 491 (passed in June 2017).