

导师简介：周幼美，女，博士，讲师，硕士研究生导师。主要从事切换系统、动力神经网络、安全控制等方面的研究工作。近年来，参与多项国家自然科学基金面上项目，并发表SCI期刊论文10余篇。



研究方向：切换系统；模糊系统；安全控制等

教授课程：人工智能概论

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教育经历：

1. 武汉科技大学 控制科学与工程 博士 2021.09—2024.12
2. 安徽工业大学 计算机科学与技术 硕士 2018.09—2021.06
3. 安徽师范大学皖江学院 计算机科学与技术 学士 2014.09—2018.06

工作经历：

1. 湖北汽车工业学院 讲师 2024.12—至今

近年来发表论文：

1. **Youmei Zhou**, Xiao-Heng Chang, et al. Quantized asynchronous filtering for fuzzy semi-Markov switching systems with multiple stochastic delays under deception attacks, *IEEE Transactions on Fuzzy Systems*, 32(4): 2378-2389, 2024 (SCI、中科院JCR 一区、TOP 期刊、CCF B)
2. **Youmei Zhou**, Xiao-Heng Chang, et al. Quantized extended dissipative synchronization for semi-Markov switching Lur'e systems with time delay under deception attacks, *Communications in Nonlinear Science and Numerical Simulation*, 117: 106972, 2023 (SCI、中科院 JCR 二区、TOP 期刊)
3. **Youmei Zhou**, Jianwei Xia, et al. Extended dissipative learning of time-delay recurrent neural networks, *Journal of the Franklin Institute-Engineering and Applied Mathematics*, 365(15): 8745-8796, 2019 (SCI、中科院 JCR 二区、TOP 期刊)

4. **Youmei Zhou**, Yajuan Liu, et al. Quantized passive filtering for switched delayed neural networks, *Nonlinear Analysis-Modelling and Control*, 26(1): 93-112, 2021 (SCI、中科院 JCR 二区)
5. **Youmei Zhou**, Xiao-Heng Chang. Event-triggered quantized $L_2 - L_\infty$ filtering for neural networks under denial-of-service attacks, *International Journal of Robust and Nonlinear Control*, 32(10): 5897-5918, 2022 (SCI)
6. **Youmei Zhou**, Xiao-Heng Chang, et al. Quantized filtering for switched memristive neural networks against deception attacks, *Journal of the Franklin Institute-Engineering and Applied Mathematics*, 361(10): 106883 (SCI)
7. **Youmei Zhou**, Yuan Wang, et al. Non-fragile $L_2 - L_\infty$ synchronization for chaotic time-delay neural networks with semi-Markovian jump parameters, *Physica Scripta*, 95: 035215, 2020 (SCI)
8. Yuan Wang, **Youmei Zhou**, et al. Quantized control for extended dissipative synchronization of chaotic neural networks: A discretized LKF method, *ISA Transactions*, 125: 1-9, 2022 (SCI、中科院 JCR 二区、TOP 期刊)
9. Xin Huang, **Youmei Zhou**, et al. Finite-time H_∞ synchronization of semi-Markov jump Lur'e systems, *Modern Physics Letters B*, 35(10): 2150168, 2021 (SCI)
10. Xin Huang, **Youmei Zhou**, et al. H_∞ synchronization of chaotic Hopfield networks with time-varying delay: A resilient DOF control approach, *Communications in Theoretical Physics*, 72(1): 015003, 2020 (SCI)
11. Zhilian Yan, **Youmei Zhou**, et al. Finite-time boundedness for time-delay neural networks with external disturbances via weight learning approaches, *Modern Physics Letters B*, 33(28): 1950343, 2019 (SCI)
12. Weipeng Tai, Qingyong Teng, **Youmei Zhou**, et al, Chaos synchronization of stochastic reaction-diffusion time-delay neural

networks via non-fragile output-feedback control, *Applied Mathematics and Computation*, 354: 115-127, 2019 (SCI)