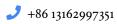
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Working Experience

2023.09 - current

Research Associate in Shanghai University of Electric Power | Shanghai | China

2021.03 - 2023.07

Postdoc in Shanghai Jiao Tong University | Shanghai | China

Education

2012.09 - 2020.12

PH.D. in School of Control Science and Engineering | Shandong University | Jinan | China

Major: Control Theory and Control Engineering

Supervisor: Prof. Chenghui Zhang, and Prof. Xianfu Zhang

2017.12 - 2019.12

Visiting Student in Faculty of Science, Engineering & Technology | Swinburne University of Technology | Melbourne | Australia

Major: Control Theory and Control Engineering

Supervisor: Prof. Qing-Long Han (IEEE Fellow), and Dr. Xiaohua Ge

2008.09 - 2012.07

B.S. in School of Mathematics | Shandong University | Jinan | China Major: Mathematics and Applied Mathematics (National Science Base Class)

Publication

Book

Name, C., Chang, L., & Fu, C. (2023). Variable gain control and its applications in energy conversion. CRC Press.

Name of https://doi.org/10.1201/9781003392927

Papers

- Chang, L., & Fu, C. (2023). Designing a stabilizing control for nonlinear feedforward systems with unknown input saturation. *International Journal of Robust and Nonlinear Control*, 33(3), 2078−2089.

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- Chang, L., Shao, X., & Zhang, D. (2023). Stabilization for a class of strict-feedback nonlinear systems via the pwm control law. *Journal of the Franklin Institute*, 8550–8568.

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 https://doi.org/10.1080/00207721.2019.1671529
- Chen, X., Zhang, X., Zhang, C., & **Chang**, **L.** (2018). Global asymptotic stabilization for input-delay chained nonholonomic systems via the static gain approach. *Journal of the Franklin Institute*, 355(9), 3895–3910.

 https://doi.org/10.1016/j.jfranklin.2018.03.009
- Chen, X., Zhang, X., Chang, L., & Zhang, C. (2016). Feedback stabilization for cross triangular nonlinear systems. 2016 Chinese Control and Decision Conference (CCDC), 1759–1763.
 https://doi.org/10.1109/CCDC.2016.7531266

Submitted papers

- **Chang**, **L.** (2023a). Global output-feedback stabilization for nonlinear systems via a switching control gain approach [Submitted to International Journal of Control].
- Chang, L. (2023b). Sampled-data feedback control for a class of nonlinear systems via intermittent hold [Submitted to IEEE Transactions on Automatic Control].

Skills

Languages Strong reading, writing and speaking competencies for English, Mandarin Chinese.

Professional PID control, Kalman filter, Distributed control, Lyapunov analysis.

Coding Matlab, Python, LaTeX, C++, ...

Misc. Academic research, LaTeX typesetting and publishing.