Liu Zhaobo

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Education	**Academy of Mathematics and Systems Science, Chinese Academy of Sciences** Ph.D., Control Theory, 2020, supervised by Lei Guo, Chanying Li. **Peking University** B.A., Mathematics and Applied Mathematics, 2015.
Research Interests	Adaptive Control, System Identification, Distributed Filtering, Multitask Optimization
Work Experience	**College of Computer and Software, Shenzhen University** Post-Doctoral Fellow, from 2020.9 to now, supervised by Zexuan Zhu.
Research	**Publications**

Z. Liu, and C. Li*. (2019) Is It Possible to Stabilize Discrete-Time Parameterized Uncertain Systems Growing Exponentially Fast?. SIAM Journal on Control and Optimization, vol. 57, no. 3, pp. 1965–1984.

Z. Liu, and C. Li*. (2022) A Note on the Convergence of Distributed RLS. IEEE Transactions on Automatic Control, accepted, in press.

Z. Liu, Q. Xie and C. Li*. (2022) Inverse Eigenvalue Problem for Mass-Spring -Inerter Systems. Mechanical Systems and Signal Processing, vol. 167, Part A, DOI:10.1016/j.ymssp.2021.108506.

Z. Liu, and C. Li*. (2021) Asymptotic Behavior of Least Squares Estimator for Nonlinear Autoregressive Models. SCIENCE CHINA Information Sciences, DOI:10.1007/s11432-021-3309-7.

Z. Liu, and C. Li*. (2019) Stabilizability Theorem of Discrete-time Nonlinear Systems with Scalar Parameters. Control Theory and Applications, vol. 36, no. 11, pp. 1929–1935.

Z. Liu, and C. Li*. (2021) On the Convergence of Least Squares Estimator for Nonlinear Autoregressive Models. Proceedings of the 40th Chinese Control Conference, July 26-28, 2021, Shanghai, China.

Z. Liu, and C. Li*. (2022) Global Stabilizability Theorems on Discrete-Time Nonlinear Uncertain Systems. IEEE Transactions on Automatic Control, accepted.

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Work Experience	**School of Computer and Software, Shenzhen University** Post-Doctoral Fellow, from 2020.9 to now, supervised by Zexuan Zhu.
Project	**Key Innovation Projects of Science and Technology Committee** Intelligent Collaborative control theory for distributed complex systems, participation, 2018.9 to 2021.8
Awards and Fellowships	**Pacemaker to Merit Student** Chinese Academy of Sciences, 2018–2019 **Dean Scholarship** Chinese Academy of Sciences, 2018–2019 **IEEE CSS Beijing Chapter Young Author Prize Nomination** (3/1662), 2021.7
Languages and Skills	English, Chinese Python, Mathematica, Pascal