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AREAS OF EXPERTISE

Positive systems, Switched linear systems, Deep learning Complex networks, System optimization.

EDUCATION

Apr 2018-	Ph.D. candidate in Information Science, *Nara Institute of Science and Technology*
Oct 2017-Mar 2018	Research student, *University of Tokyo*
Sep 2011-July 2013	M.Eng. in Control Engineer, *Northeastern University (China)*
Sep 2007-July 2011	B.Eng. in Automatic Control, *Northeastern University (China)*

AWARDS

Sep 2017	Japanese Government (MEXT) Scholarships
Nov 2019	Overseas Dispatch Program

SHORT TERM VISITS

Jan 2020-Feb 2020	Department of Mechanical Engineering, University of Hong Kong

PUBLICATIONS

Journal Articles

[1] C. Zhao, M. Ogura, K. Sugimoto, "Stability optimization of positive semi-Markov jump linear systems via convex optimization", *SICE Journal of Control, Measurement, and System Integration, vol. 13, no. 5, pp. 233-239, 2020.*

[2] W. Mei, C. Zhao, M. Ogura, and K. Sugimoto, "Mixed H_2/H_∞ control for Markov jump linear systems with state and mode-observation delays", *IET Control Theory and Applications, vol. 14, no. 15, pp. 2076-2083, 2020.*

[3] C. Zhao, M. Ogura, A. Yassine, K. Sugimoto, "Optimal resource allocation for dynamic product development process via convex optimization", *Research in Engineering Design, 2020. (accepted for publication)*

Conference Proceedings

[1] L. Wang, C. Zhao, W, Cui, "Unmodeled dynamics and data driven balance control for a class of underactuated mechanical systems," *in Proceedings of the 2013 International Conference on Advanced Mechatronic Systems*, 2013, pp. 594-597.

[2] C. Zhao, M. Ogura, K. Sugimoto, "Finite-time control of discrete-time positive linear system via convex optimization," *SICE Annual Conference, September 23-26, 2020, Chiang Mai, Thailand (Online), pp. 1230-1235.*

RESEARCH & TEACHING SERVICE

[1] 2018- Research Assistant.
[2] Sep 2019-Feb 2020 Teaching Assistant (Japanese Culture).

PROFESSIONAL SERVICE

Journal reviewer: RAIRO - Operations Research, Journal of The Franklin Institute.

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