



CHUNFENG JIANG

[Redacted contact information]

RESEARCH INTERESTS

Analysis and Control of Logical Networks, System Identification, Systems Biology, Game Theory

EDUCATION AND TRAINING

Ph.D. Degree

University of Sannio [16/12/2022 – Current]

City: Benevento | Country: Italy | Field(s) of study: Information and Communication Technologies

Master Degree

Liaocheng University [02/09/2019 – 13/06/2022]

City: Liaocheng | Country: China | Field(s) of study: Natural sciences, mathematics and statistics | Final grade: 93.72/100 | Thesis: Analysis and Control of Switched and Delayed Boolean Networks via the Semi-tensor Product Method

Bachelor Degree

Liaocheng University [05/09/2015 – 15/06/2019]

City: Liaocheng | Country: China | Field(s) of study: Natural sciences, mathematics and statistics: • Mathematics

PUBLICATIONS

[2025]

Identification of Switched Boolean Networks

Authors: C. Jiang, B. Wang, C. Del Vecchio, & J. Feng | Journal Name: Information Sciences | Volume, Issue and Pages: 719, 122431

[2025]

Recurrent output tracking of Boolean networks

Authors: C. Jiang, S. Fu, C. Del Vecchio, B. Wang, J. Wang, & J. Zhao | Journal Name: Nonlinear Analysis: Hybrid Systems | Volume, Issue and Pages: 56, 101583

[2023]

Observability of periodically switched Boolean control networks

Authors: C. Jiang, B. Wang, S. Fu, J. Zhao, & M. Sun | Journal Name: Journal of Systems Science and Complexity | Volume, Issue and Pages: 36(3), 985-1001

[2022]

Controllability and set controllability of periodically switched Boolean control networks

Authors: C. Jiang, S. Fu, B. Wang, J. Zhao, & M. Sun | Journal Name: International Journal of Control | Volume, Issue and Pages: 96(8), 2124-2132

[2020]

Robust stability and stabilisation of delayed Boolean networks with disturbance



Authors: C. Jiang, S. Fu, & J. Zhao | Journal Name: IEEE Access | Volume, Issue and Pages: 8, 159471-159478

[2024]

Pinning control design for the output regulation of Boolean networks

Authors: S. Fu, Y. Zhao, C. Jiang, & J. Xu | Journal Name: International Journal of Control | Volume, Issue and Pages: 98(7), 1495-1504

[2025]

Recurrent output tracking of switched Boolean control networks under constant reference signal

Authors: C. Jiang, S. Fu, Y. Wu, & C. Del Vecchio | Journal Name: 2025 American Control Conference | Volume, Issue and Pages: 1938-1943

CONFERENCES AND SEMINARS

[14/07/2025 – 19/07/2025] Split, Croatia

2025 11th International Conference on Control, Decision and Information Technologies (CoDIT)

[04/01/2025 – 10/01/2025] Kunming, China

Tianyuan Workshop on the Theory and Application of Semi-tensor Product of Matrices

[14/07/2023 – 20/07/2023] University of Padova, Italy

IEEE/DEI Summer Ph.D. School of Information Engineering “Silvano Pupolin”-SSIE 2023

PROJECTS

[2023 – 2025]

MELODY-Multi robot collaborative manipulation supporting Disassembly tasks (CUP:F53D23009870001) - Progetti di Ricerca di Rilevante Interesse Nazionale (PRIN)

HONOURS AND AWARDS

[12/2022] University of Sannio

Full Ph.D. Scholarship

[06/2022] Liaocheng University

Outstanding graduate

[12/2021] Liaocheng University

First prize of postgraduate scholarship

[11/2020] The second Technical Committee on Control Theory Workshop on Logical Systems and Control

Second prize of excellent postgraduate paper

LANGUAGE SKILLS

Mother tongue(s): Chinese

Other language(s): English | Italian

SKILLS

understand spoken English / Microsoft Office / MATLAB / C / Python (basics)