Assistant Professor YIN, LI

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Academic Qualification:

Ph.D. in Computer Technology and Its Application, Macau University of Science and Technology

M.S. in Geographic Information System, CNNC Beijing Research Institute of Uranium Geology

B.S. in Remote Sensing Science and Technology, Wuhan University

Teaching Area

Numerical Analysis
Pattern Recognition

Research Area

Petri net, Differential Privacy

Working Experience

2021 - Present, Assistant Professor, Macau Institute of Systems Engineering, Macau University of Science and Technology

2018 - 2020, Postdoctoral Fellow, Macau Institute of Systems Engineering, Macau University of Science and Technology

Academic Publication（selected）

1. Ge Zhang, Xiubin Zhu, Li Yin*, Witold Pedrycz, Zhiwu Li,"*Granular data representation under privacy protection: Tradeoff between data utility and privacy via information granularity*," APPLIED SOFT COMPUTING, Vol. 131, 2022,

2. Dong Li, Li Yin*, Jianzhou Wang, Naiqi Wu,"*Game current-state opacity formulation in probabilistic resource automata*," INFORMATION SCIENCES, Vol. 613, PP. 96-113, 2022

3. Yongyao Li, Ya Wang, Guanghui Zhu, Li Yin, Huimin Zhang, "*Fault diagnosis of PLC-based discrete event systems using Petri nets*," MEASUREMENT & CONTROL, Vol. 55, NO. 9, PP. 960- 973, 2022

4. Tao Qin, Yifan Dong, Li Yin*, Naiqi Wu, Zhiwu Li,"*Liveness Enforcement for Time Petri Nets*," the 8TH INTERNATIONAL CONFERENCE ON CONTROL, DECISION AND INFORMATION TECHNOLOGIES, PP. 1184-1189, 2022

5. Haoming Zhu, Li Yin*, Naiqi Wu, Zhiwu Li, "*Verification of Current-state Opacity for Discrete Event Systems Modeled With Unbounded Petri Nets*," the 8TH INTERNATIONAL CONFERENCE ON CONTROL, DECISION AND INFORMATION

Fault Diagnosis and Health Management of Elevator System, 0101/2022/A, FDCT