Assistant Professor (Research) Li Yin

Department of Engineering Science, Faculty of Innovation Engineering

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PhD. Supervisor

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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 Experie

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

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

1. *Granular data representation under privacy protection: Tradeoff between data utility and privacy via information granularity* APPLIED SOFT COMPUTING, Vol. 131, 2022,
2. *Game current-state opacity formulation in probabilistic resource automata* SCIENCES, Vol. 613, PP. 96-113, 2022
3. *Fault diagnosis of PLC-based discrete event systems using Petri nets* - 973, 2022
4. Tao Qin, Yifan *Liveness Enforcement for Time Petri Nets* the 8TH INTERNATIONAL CONFERENCE ON CONTROL, DECISION AND INFORMATION TECHNOLOGIES, PP. 1184-1189, 2022
5. *Verification of Current-state Opacity for Discrete Event Systems Modeled With Unbounded Petri Nets* ON CONTROL, DECISION AND INFORMATION TECHNOLOGIES, PP. 1261-1266, 2022

Professional Certification and Awards

Journal Editorship

Personal Website