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Dr Sam Liu is currently working in the School of Mathematical Sciences at Queensland University of Technology as a research associate. He is a member of Australian Society for Operations Research (ASOR) at Queensland Branch. He had been awarded the PhD degree in Operations Research from Queensland University of Technology. His PhD thesis was nominated for University Outstanding Doctoral Thesis Award. He obtained his M.Eng. in Industrial & Systems Engineering from National University of Singapore. He also obtained his M.Eng. in Engineering Thermophysics, B.Sc. in Economics and B.Eng. in Thermal Engineering from Harbin Institute of Technology. He has published many research papers in international journals including *Transportation Science*, *International Journal of Production Economics*, *Computers and Operations Research*, *Journal of the Operational Research Society*, *Advances in Engineering Software*, and *Asia-Pacific Journal of Operational Research*. Due to his considerable academic contributions, he has been awarded the New Researcher Medal by ASOR and the Dean's Award for Academic Excellency by QUT. He once worked as a software engineer in Temasek Laboratories and a design engineer in WEW Automation Ltd in Singapore. He has solid background in operations research, planning and scheduling in various industries (manufacturing, transport, railway, port, hospital, and mining), artificial intelligent, mathematical programming, optimisation algorithms, multiple-attribute decision making, forecasting, network flow, and simulation modelling.