

Wasakorn Laesanklang

Research Activities

Areas of Expertise

Operations Research, Combinatorial Optimization

Current Interests and Activities

Operations Research

Wasakorn's research interests are in optimization techniques to tackle constrained combinatorial problems, particularly to develop decision support systems for transportation problems. This includes optimisation techniques such as exact methods, heuristic methods and hybrid methods.

His research focuses on applying these optimization techniques to the large-scale real-world problems such as home healthcare management problem, vehicle routing problem, workforce scheduling problem, long-term planning problem, and so on. He also has collaborations with the industries in Thailand.

Data Science

Wasakorn also has research interest in data science. This includes pre-processing techniques dealing with imbalanced data, applying integration techniques such as statistics, computer science, and mathematics to discover new knowledge.