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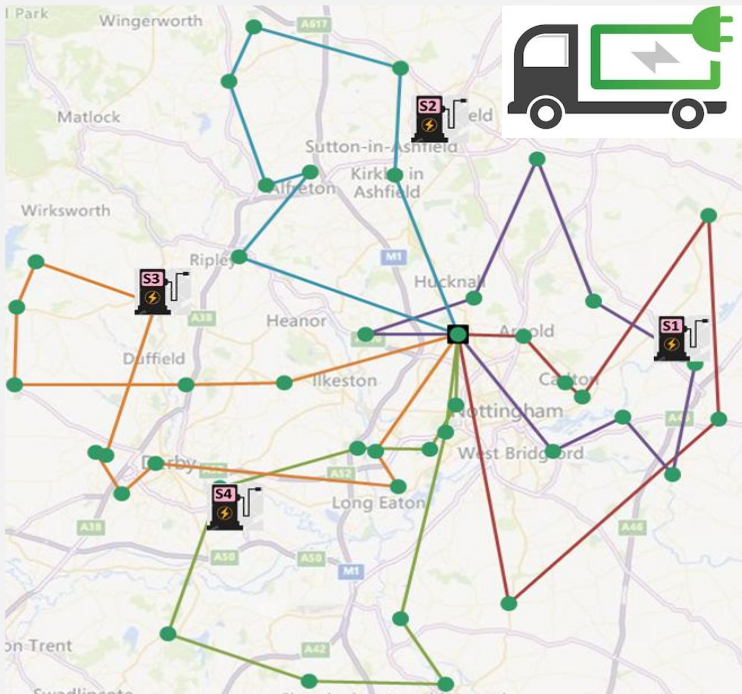
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Keywords:

Sustainable Transport Planning
Green Logistics
Vehicle Routing
Electromobility
Heuristic Optimization

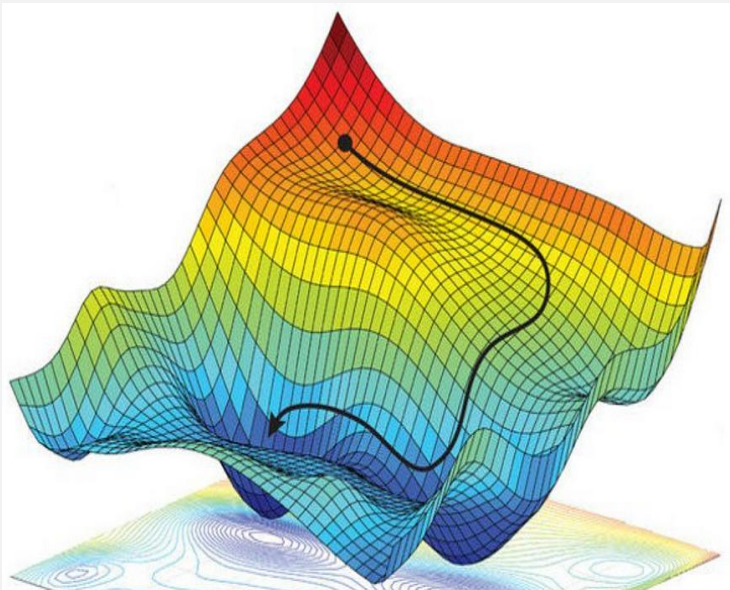
Smart Mobility and Logistics

Route Optimization of Electric Vehicles



- Mobile charging stations
- Dynamic charging on electrified road systems
- Zero-emission zones
- Road gradients and regenerative braking
- Uncertain recharging duration and consumption

Applied Optimization



Algorithm development:

- Metaheuristics
- Matheuristics
- Hybrid heuristics
- Neighborhood search methods
- Exact algorithms
- Decomposition methods

Sustainable Last-Mile Delivery

- Delivery flexibility
- Parcel locker location
- Mobile parcel lockers
- Covering routing problem
- Autonomous vehicles
- Pricing and incentive mechanisms
- Micro-mobility vehicles

