

Scaling up Solving Approaches for Combinatorial Optimization with Machine Learning

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Informatics



ALGORITHMS AND
COMPLEXITY GROUP

Transportation services

- ▶ Classic public transit services (bus, train)
 - + Many passengers, cost efficient
 - Fixed routes, scheduled times, unavailability
- ▶ Taxi services
 - + Door-to-door service
 - High cost
- ▶ On-demand public transit services = **Dial-A-Ride (DAR)**
 - + Cost efficient, environment-friendlier, customizable service
 - Ride-sharing, detours