

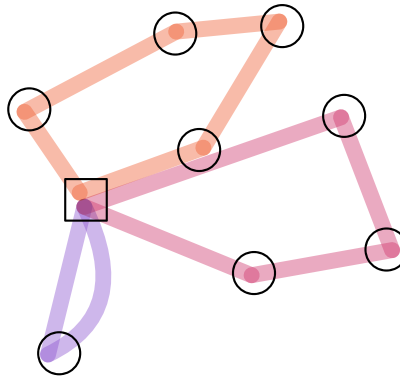
Introduction to Vehicle routing models

→ Per distribució de mercaderies en àrees urbanes

Models segons

- location
- ↳ scheduling
- ↳ others

→ Eir que parem



→ valor aproximatiu de $q(y_k) \rightarrow$ problema simètric.

$$\text{Min } \sum_k \sum_i d_{ik} y_{ik} \quad \text{capacitat vehicle}$$

$$\text{s.a. } \sum_i a_i y_{ik} \leq b \quad k=1, \dots, K$$

$$\sum_k y_{ik} \begin{cases} K & (i=0) \\ 1 & (i=1, \dots, n) \end{cases}$$

$$y_{ik} \in \{0, 1\} \quad (i=0, \dots, n, \quad k=1, \dots, K)$$

$$d_{ik} = C_{0i} + C_{iik} - C_{0k}$$

Heurística

Fisher -

Jaikumar

