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Guided Local Search for the Vehicle Pouting Problem" (GLS)

a memory-based method
it operates by augmenting the cost function with a penalty term
based on how near the search moves to previously visited local minima.
thus encouraging diversification.

对局的最优 施加热的国子.

Search Method

GLS: 不在 Local optimal 附近公司 对目标处理了了各种保险。

- ① 特征第一下, 特征 i eF AJJA 持 f_i $f_i(S) = \begin{cases} 1 & i = 3 \text{ if } i \in F_i \text{ Solution } S \neq 0 \\ 0 & otherwise \end{cases}$
- ② Ci 夏特化i Bo Cost.
- ③ 作例用占入
 an augmented objective function:

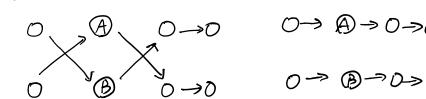
 O'(5) = O(5) + 入三 fi(5) pici
 inf pi 特徵证据证明的次数。

Vehicle Rinte:

- ① Feature Set arres 也, 两唇之列的也.
- ② Feature Cost: 对施电标卷 Ca.
- 3 fenalty factor 1: 0.12 0.3
- @ Local Search (S, p):

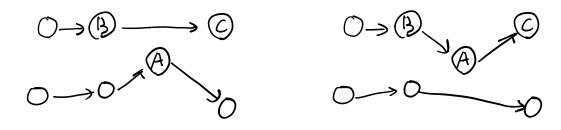
中种 Local Search 报73, 接受最好的用行

① neighbor_exchange 互换Z名法路上的ZJ Node点

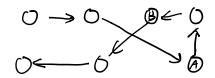


2) neighbor-relocate

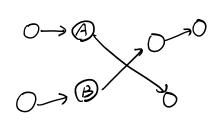
将一个Node从供给中删三角技和另一条体络。

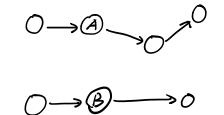


3 2-qt - 年度路交换而点



④ Cross 这中节点前面不换.后面换.





思想: 教lambda, penalty [运在的调节.