Local search algo-rithms for the diala-ride problem with convex  $_{\rm time}$ penalty

051400141 Kiyoshi Takeda

Abstract

The

dial-

a-

 ${\rm ride}$ 

prob-

lem (DARP)

con-

 ${\rm sists}$ 

of

design-

ing

ve-

hi-

cleroutes

and

 ${\it sched-}$ 

ules

for

multi-

ple

users

who

spec-ify

pickup

and

de-

liv-

ery re-

quests

be-

tween

ori-

gins

and des-

ti-

na-

tions. The

 $\operatorname{aim}$ 

is

tode-