

Local
search
al-
go-
rithm
for
Dial-
a-
ride
prob-
lem
with
con-
vex
time
win-
dow
penalty

051400141
Kiyoshi
Takeda

Abstract
The
Dial-
a-
Ride
Prob-
lem
(DARP)
con-
sists
of
de-
sign-
ing
ve-
hi-
cle
routes
and
sched-
ules
for
mul-
ti-
ple
users
who
spec-
ify
pickup
and
de-
liv-
ery
re-
quests
be-
tween
ori-
gins
and
des-
ti-
na-
tion.
The
aim
is
to