GCLRP\_ 30\_5

data;

param: cx cy :=

1 12 39

2 12 24

3 38 29

4 32 43

5 37 46

6 4 20

7 22 7

8 20 2

9 21 7

10 4 21

11 1 12

12 4 2

13 22 21

14 14 36

15 16 40

16 12 40

17 13 47

18 15 36

19 3 41

20 12 49

21 6 43

22 14 32

23 50 11

24 29 18

25 37 36

26 26 19

27 27 33

28 28 40

29 39 34

30 29 31

31 45 20

32 34 24

33 27 39

34 30 20

35 40 13

;

param Q := 20;

param W :=

1 120

2 100

3 80

4 80

5 80

param O :=

1 1346

2 1383

3 1066

4 513

5 558

;

param D :=

6 5

7 3

8 5

9 5

10 4

11 3

12 5

13 4

14 3

15 4

16 5

17 3

18 5

19 4

20 3

21 5

22 3

23 5

24 5

25 3

26 5

27 5

28 3

29 4

30 5

31 3

32 5

33 3

34 5

35 5

;

param F := 100;

let alpha1 := 0.0635;#alpha1 obtained traveling 12 km per gallon in a full vehicle

let alpha2 :=0.02008/Q ; #alpha2 obtained traveling 12 km per gallon in a full vehicle

let unitary\_cost\_fuel := 3.92;

let emissions\_per\_fuel\_unit := 8.7;

let cost\_emissions := 0.009;