

90	75	75	80
35	85	55	65
125	95	90	105
45	110	95	115

INPUT COST MATRIX

15	0	0	5
0	50	20	30
35	5	0	15
0	65	50	70

STEP 1

15	0	0	0
0	50	20	25
35	5	0	10
0	65	50	65

STEP 2

2		3	
15	0	0	0
0	50	20	25
35	5	0	10
0	65	50	65

STEPS 3 & 4
(A)

15	0	0	0
-5	45	15	20
30	0	-5	5
-5	60	45	60

STEP 5
(Part I)

20	0	5	0
0	45	20	20
35	0	0	5
0	60	50	60

STEP 5
(Part II)

3					
20	0	5	0	1	
0	45	20	20		
35	0	0	5	2	
0	60	50	60		

STEPS 3 & 4
(B)

20	0	5	0
-20	25	0	0
35	0	0	5
-20	40	30	40

STEP 5
(Part I)

40	0	5	0
0	25	0	0
55	0	0	5
0	40	30	40

STEP 5
(Part II)

(Part ii)

4				
40	0	5	0	2
0	25	0	0	1
55	0	0	5	3
0	40	30	40	

STEPS 3 & 4
(C)

40	0	5	0
0	25	0	0
55	0	0	5
0	40	30	40

ZERO \$ SELECTION

90	75	75	80
35	85	55	65
125	95	90	105
45	110	95	115

OPTIMAL COMBINATION