	cost matrix time																					
0	26.0	49.0	35.0	75.0	30.0	52.0	48.0			_	30.0		50.0									
1	53.0	27.0	51.0	55.0	58.0	65.0	30.0	71.0	72.0			60.0			48.0							
2	53.0	67.0	34.0	57.0	67.0	86.0	85.0	85.0	90.0		52.0	90.0		165.0	98.0							
Μ	55.0	77.0	36.0	37.0	52.0	35.0	70.0	79.0	112.0			90.0	90.0									
4	60.0	82.0	70.0	48.0	31.0	60.0	58.0	83.0	59.0		90.0	41.0							240.0			
2	66.0	66.0	80.0	70.0	59.0	37.0	48.0	69.0				40.0	45.0	120.0	105.0			75.0				
9	54.0	89.0	120.0	63.0	78.0	58.0	29.0	44.0	67.0				38.0	135.0	125.0	80.0		100.0				
7	53.0	58.0	60.0	60.0	75.0	56.0	44.0	30.0	68.0			90.0	28.0	90.0								
$\infty$	62.0	59.0	85.0	105.0	68.0	73.0	68.0	44.0	28.0	90.0		120.0			140.0							
6		60.0								33.0					40.0							
10	98.0		71.0	91.0	120.0	180.0		134.0			25.0	45.0	150.0	125.0	115.0							
11	85.0	100.0	82.0	77.0	67.0	91.0	90.0	121.0	112.0		120.0	32.0	125.0	125.0								
12	103.0	88.0	121.0	80.0	90.0	82.0	70.0	105.0			50.0	180.0	27.0	180.0	75.0				32.0			
13	98.0	150.0	158.0	105.0	180.0		120.0	72.0	110.0				50.0	26.0								
14	100.0	67.0	80.0	85.0	116.0	107.0	120.0	116.0	54.0	150.0					25.0							60.0
15	120.0	90.0	116.0	150.0			210.0	140.0			70.0				80.0	22.0						
16	153.0			150.0	128.0		210.0					120.0	90.0				29.0					
17	158.0	120.0	180.0	120.0				150.0	240.0				110.0				40.0	20.0				
18	132.0		80.0			105.0	110.0						62.0						25.0			
19								120.0						40.0						12.0		
20															30.0						18.0	
21	140.0	120.0																				25.0

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

- 200

- 160

- 120

- 80

- 40

19

20 21