

Adjacency matrix (weighted)

	1	2	3	4	5	6	7	8	9	10
1		8	13			14		8		
2	8		2	9	12					11
3	13	9			13	15				
4		12			19					
5			13	19	6	15				
6	14		15		15		22	18		
7						22			21	
8	8					18			10	8
9							21	10		12
10		11						8	12	

□ = Double. Positive Infinity

Path to all nodes:

1, 2, 4, 5, 3, 6, 7, 9, 10, 8

Shortest Path: