Matching neighbor shape positions in next frame - 4

Describe every pixel as distances from every other pixels

relative position matches between shapes with dissimilar figure
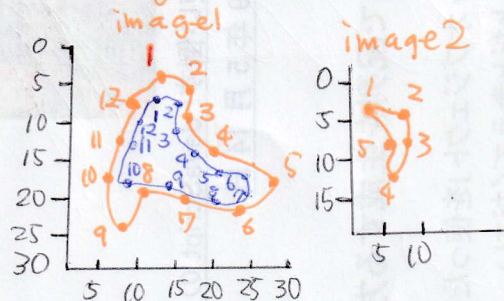

image1 image2

image1 1 (12, 5) 2 (17, 7) 3 (16, 10)
4 (20, 14) 5 (27, 18) 6 (23, 22)
7 (16, 21) 8 (11, 19) 9 (8, 24)
10 (6, 18) 11 (7, 12) 12 (10, 8)

image2
1 (3, 6) 2 (8, 4) 3 (8, 8)
4 (6, 13) 5 (6, 8)

relative positions
image1 1 (0, 0)
2 (5, 2) 3 (4, 5) 4 (8, 9) 5 (15, 8) 6 (11, 17) 7 (4, 16)
8 (-1, 14) 9 (-4, 19) 10 (-6, 13) 11 (-5, 7) 12 (-2, 3)

image2 1 (0, 0)
2 (5, -2) 3 (5, 2) 4 (3, 7) 5 (3, 2)

blue figure coordinates
image1 1 (12, 7) 2 (15, 8) 3 (15, 12) 4 (18, 14) 5 (21, 17) 6 (25, 17)
7 (25, 18), 8 (21, 20) 9 (14, 19) 10 (8, 18) 11 (10, 13) 12 (11, 10)

image1
blue figure relative positions
1 (0, 0)
2 (3, 1) 3 (3, 5) 4 (6, 7) 5 (9, 10) 6 (13, 10) 7 (13, 11)
8 (9, 13) 9 (2, 12) 10 (-4, 11) 11 (-2, 6) 12 (-1, 3)
                3   4
                                          12