

Matching neighbor shape position in next frame - S.

!! Correction !!

image1

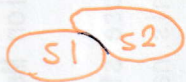


image2



→ boundary pixels contact areas  
boundary pixels from shape1 are  
neighbor to boundary pixels from shape2.

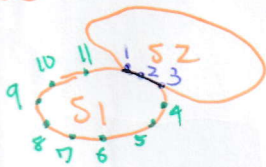
I want to know if boundary pixels contact area from image1 matches  
the boundary pixels contact area in image2.

Find contact areas in shape.

Above example.

Find where in boundary pixels of shape1 (s1) the contact areas located.

Get relative positions of contact areas relative to non-contact  
areas



1(x, y)

relative positions for pixel 1

4(4x-1x, 4y-1y) 5(5x-1x, 5y-1y)

6(6x-1x, 6y-1y) .....

2(x, y)

relative positions for pixel 2

4(4x-2x, 4y-2y) 5(5x-2x, 5y-2y)

6(6x-2x, 6y-2y) .....

• Implementation

shapes\_within\_same\_object\_together\_test3.py