

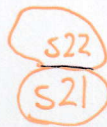
# Matching neighbor shape position in next frame - 1

Image1



— boundary pixels contact ones

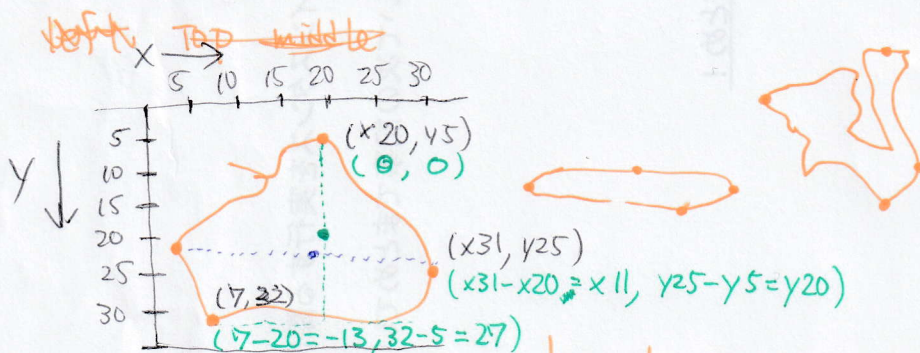
Image2



boundary pixel from shape1 is neighbor to boundary pixel from shape2.

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

- The shape changes its figure so it has to be **figure independent**.
- Also position changes so it has to be **position independent**.



describe every pixel relative to shape's starting pixel position.

Can't have fixed position because fixed position ~~might~~ might change its figure.



then every position relative to the fixed position gets wrong positions.

Describe every pixel as distances from every other pixels.