

Exercise 3

Point in Circle

We have 3 points that represent a circle and point, I do, with orientation2D5, the determinant 4x4 with segments of the circle and point for know the position of point and multiply with the orientation of the circle that I get with orientation2D, and I check if the result is 0, the point is in line of circle, less than 0, the point is inside or bigger than 0.

Solution

