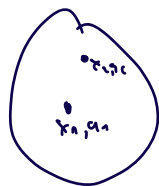


$$r = 0.5$$

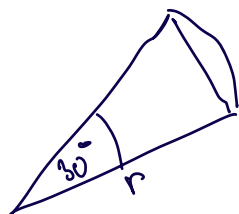
$$\begin{array}{l} 0,0 \\ r,0 \\ r \cos \theta, r \sin \theta \end{array} \left. \vphantom{\begin{array}{l} 0,0 \\ r,0 \\ r \cos \theta, r \sin \theta \end{array}} \right\} \text{separately}$$

$$\begin{array}{l} 0,0 \\ \text{previous } x,y \\ r \cos \theta, y \sin \theta \end{array} \left. \vphantom{\begin{array}{l} 0,0 \\ \text{previous } x,y \\ r \cos \theta, y \sin \theta \end{array}} \right\} \text{in loop}$$



$$(x_2 - x_1)^2 + (y_2 - y_1)^2 \leq r^2$$

current Size



$$\sin 30^\circ \cdot 0.8$$