

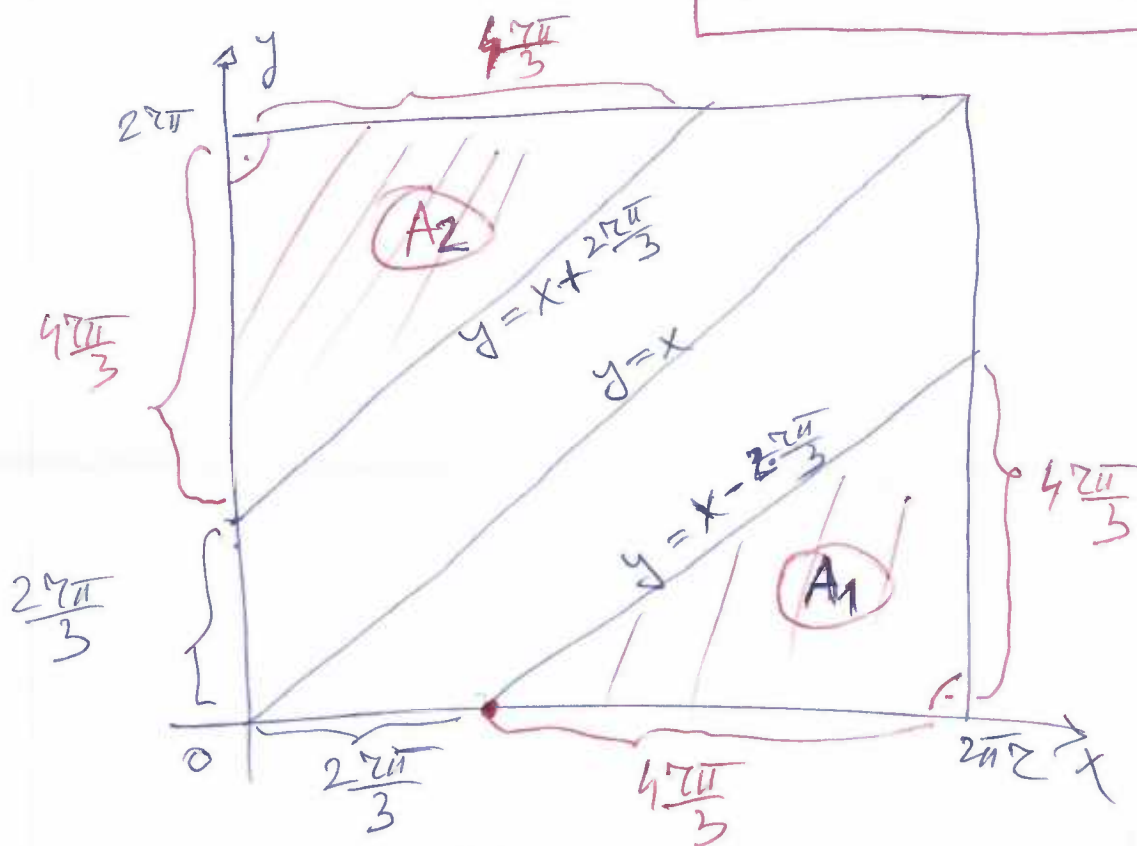
$$a = r \cdot \sqrt{3}$$

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X i y NA KRUŽNICI R.

$$x \in [0, 2\pi r] \wedge y \in [0, 2\pi r]$$

$d(x, y) > a \Rightarrow$ NA KRUŽNOM LUKU $\widehat{xy}$

$$|y - x| > \frac{2\pi r}{3}$$



$$P(A) = \frac{\mu(A)}{\mu(\Omega)}$$

$$\mu(\Omega) = (2\pi r)^2 = 4\pi^2 r^2$$

$$\mu(A) = \mu(A_1) + \mu(A_2) = \left(\frac{4\pi r}{3}\right)^2 = \frac{16}{9} \pi^2 r^2$$

$$P(A) = \frac{4}{9}$$