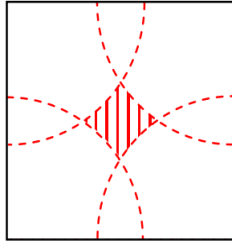


Errata

(Pg 13)

For Case 2:



$$R\sqrt{2} < D < 2R$$

When the centre of the coin lies in the red region, the coin may or may not balance. The probability of the coin balancing as calculated in our report is smaller than or equal to the actual probability.

(Pg 14, 27)

P(coin balancing)

$$\begin{cases} = \pi \left(\frac{R}{D} \right)^2, & \text{if } R \leq \frac{D}{2} \\ \geq \sqrt{4 \left(\frac{R}{D} \right)^2 - 1} + \left(\frac{R}{D} \right)^2 \left[\pi - 4 \cos^{-1} \left(\frac{D}{2R} \right) \right], & \text{if } \frac{D}{2} < R < \frac{D\sqrt{2}}{2} \\ = 1, & \text{if } R \geq \frac{D\sqrt{2}}{2} \end{cases}$$

(Pg 16)

$$\text{centre_x} = x - D$$

$$\text{centre_y} = y - D$$