1. The point (x, y) as a function of θ is defined as:

$$\mathbb{P}(x, y) = (R \times \sin(\theta), R \times \cos(\theta)) \tag{1}$$

2. The odd looking 'P', $\mathbb{P}$ is from the *blackboard-bold* set.

$$\mathbb{ABCDEFGHIJKLMNOPQRSTUVWXYZ}$$