

1.2.15

$$P = |P| (\cos \theta, \sin \theta)$$

Pythagoras

$$P = (P_x, P_y) \rightarrow P_x = |P| \cdot \cos \theta, P_y = |P| \cdot \sin \theta$$

$$|P| = \sqrt{P_x^2 + P_y^2}$$

$$P_x, P_y = |P| (\cos \theta, \sin \theta)$$

$$|P| \cdot \cos \theta, |P| \cdot \sin \theta = |P| (\cos \theta, \sin \theta)$$

Approved

$$|P| (\cos \theta, \sin \theta) = |P| (\cos \theta, \sin \theta)$$