

Point P:

$$\vec{AP} = \frac{1}{4} \vec{AD}$$

$$x_p - x_A = \frac{1}{4} (x_D - x_A) \text{ soit } x_p - 0 = \frac{1}{4} (0 - 0) \text{ et donc}$$

$$\boxed{x_p = 0}$$

$$y_p - y_A = \frac{1}{4} (y_D - y_A) \text{ soit } y_p - 0 = \frac{1}{4} (1 - 0) \text{ et donc}$$

$$\boxed{y_p = \frac{1}{4}}$$

$$z_p - z_A = \frac{1}{4} (z_D - z_A) \text{ soit } z_p - 0 = \frac{1}{4} (0 - 0) \text{ et donc}$$

$$\boxed{z_p = 0}$$

$$\text{Donc } P(0; \frac{1}{4}; 0)$$