

$$F_D(t) = \frac{1}{2}$$

$$t \in]0, 1/3]$$

$$F_D(t) = -\frac{3t^2}{2} + 2t = \frac{1}{2} \Rightarrow t ?$$

$$t \in]1/3, 2/3]$$

$$t + \frac{1}{6} = \frac{1}{2} \Rightarrow t ? \Rightarrow$$

$$t \in]2/3, 1]$$

$$-\frac{3t^2}{2} + 3t - \frac{1}{2} = \frac{1}{2} \Rightarrow t ?$$
