

# Derivatives and Integrals of Vector Functions



## Question

The figure shows the position vector  $\vec{r}(t)$  along a curve in the plane. Which of the following tangent vectors do you think should have the smallest magnitude?

- A.  $\vec{r}'(0)$
- B.  $\vec{r}'(1)$
- C.  $\vec{r}'(2)$
- D.  $\vec{r}'(3)$

