

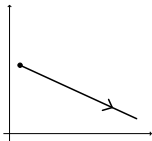
Arc length and Curvature



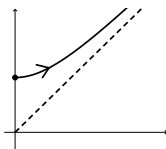
Question

Suppose that $\left| \frac{d\vec{T}}{ds} \right| = s$ for a curve in the plane. Which of the following could be a picture of the curve?

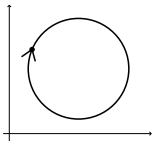
A.



B.



C.



D.

