

[10.3] - Reading Assignment

After reading section 10.3...

1. Why do we need to assume that the curve C is traversed exactly once, as t increases, by the vector function $\vec{r}(t)$ in order to define the arc-length function $s = s(t)$?

2. For the curve at right, sketch in an approximation of the osculating circle at the point $(1, 1)$.

3. Muddy questions? Questions you wonder about?

