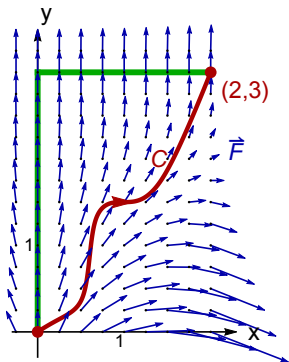


The Fundamental Theorem



Question

If \vec{F} is conservative but has unit length along the green lines, what is the value of $\int_C \vec{F} \cdot d\vec{r}$?

- A. 0
- B. 3
- C. 5
- D. 6
- E. There is not enough information.