

Taker Name:

GTID: 90

Section:

Grader #1:

GTID: 90

§16.2: Flow and Flux

Find the Circulation of the field $\mathbf{F}$ for the ellipse C , parameterized by $\mathbf{r}(t) = \cos t \mathbf{i} + 4 \sin t \mathbf{j}$, oriented counter-clockwise.

$$\mathbf{F} = \langle -y, x \rangle$$

A	
J	
N	
G2:	
A	
J	
N	
G3:	
A	
J	
N	