

Taker Name:

GTID: 90

Section:

Grader #1:

GTID: 90

§14.4: Chain Rule

Find Df and Dr for the functions below. Then, find $D(f(r(t)))$ when $t = e$ using the formula $D(f(r(t))) = Df(r(t))Dr(t)$.

$f(x,y) = 4e^x \ln y, \mathbf{r}(t) = \langle \ln t, t^2 \rangle$

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