Math 225: Calculus III Quiz 9 April 11/13, 1995

Name:
Section:

1. Let be the vector field $z^{3} y 1+z^{2} y^{2} \mathrm{~J}+y^{3} z$. Compute .
2. Let be the curve parameterized by $(t)=t_{1}+t^{2}{ }^{\prime}+t^{3}, 0 \leq t \leq 1$. Compute the line integral $\int_{2} x+9 z d s$.
