

Quiz 4; Wednesday, February 17
MATH 53 with Professor Stankova
Section 116; 3-4
GSI: Eric Hallman

Student name:

You have 10 minutes to complete the quiz. Calculators are not permitted, and remember to show your calculations and explain your reasoning in order to receive full credit.

1. Describe the curve given by the equations $\langle x, y, z \rangle = \langle t \sin t, t, t \cos t \rangle$ on the interval $0 \leq t \leq 6\pi$. Specifically, find a surface that the curve lies on and sketch both the surface and curve.