

Math 8061 Homework 8

Due Thursday, 11/11/21

1. Problem 11–7 of Lee.
2. Problem 11–9 of Lee.
3. Problem 11–11 of Lee.
4. Let $\gamma : [0, 2\pi] \rightarrow \mathbb{R}^3$ be the helix $\gamma(t) = (\sin t, \cos t, t)$. Compute $\int_{\gamma} (y \, dx + z \, dy)$.