

HOMEWORK 9

MATH 243

12.6.50

Make sure to describe the coordinate system you choose to use for this problem. There are a couple reasonable choices of coordinate system, so your answer is ambiguous unless you make it clear how you set your coordinates.

13.1.52

You can make an easy model of this curve by taking a piece of string and tying a normal overhand knot in it. Tie the knot very loosely, tape the ends of the string together, and then spread out the knot.

Make sure to explain how to plot this curve by hand.