

MATH 271 – Homework #14

due 7 May 2009

All calculations must be done in Matlab!

In class on 30 April, we used Bezier curves to construct a heart. Your task is to use Bezier curves to construct a club, diamond, and spade (all four of these shapes refer to the suits of a standard deck of cards). As in the example in class, let each separate curve be displayed in a different color (or, if you run out of colors, at least ensure that no two adjacent curves are of the same color). Also, as in the example in class, give me the option of viewing (or not) the endpoints and guidepoints for each curve. This can be as simple as me going into your code and “commenting out” the appropriate commands. Have fun!