

1. Use a Bézier cubic spline to draw a curve between the points  $p_0 = (0, 0)$ ,  $p_1 = (0, 1)$ ,  $p_2 = (2, 1)$  and  $p_3 = (2, 0)$ .
2. Run the two clipping algorithms given below to clip the line  $(280, 160) - (30, 20)$  against the clipping window whose bottom-left corner is  $(70, 60)$  and whose top-right corner is  $(230, 150)$ .
  - (a) Inefficient Line Clipper (see <http://garryowen.csisdmsz.ul.ie/~cs4815/resources/lect10.pdf>)
  - (b) Liang-Barsky