

Assignment #2

Announcement: On **Monday, April 14** in place of lecture the class will meet in the **UCLA Visualization Portal, MS 5628**. For reference, our classroom is on a corridor east of the Math Dept. offices; the Portal is on a parallel corridor west of the offices, but one floor down. Please be on time.

Reading: Chapter 4, and review Handout E.

Homework due Wednesday, April 16:

To do but not hand in:

p. 41, Ex. 3;

E-2, E-4, E-10, E-15, E-16, E-18.

To hand in:

E-7, E-20, E-23, E-26, E-27, E-29, E-38¹.

Advice. In all the material about Bézier curves, always be aware of whether the discussion is about the Bernstein polynomials (the coefficients of the control points) or the Bézier curves themselves.

¹Draw carefully, using the midpoint property and calculating the position at times $t = \frac{1}{4}$, $t = \frac{3}{4}$ exactly.