

ERRATA - LECTURE ONE

The following errors were found in the printed material. Errors have been corrected in the online notes.

Slide 3: Historical inaccuracy. Bezier and de Casteljaou invented Bezier curves; de Boor generalised them to B-splines.

Slide 5: The words “bounding trapezoid” have been replaced by “convex hull”.

Slide 5: A degree-d Bezier is actually *infinitely* continuous throughout its interior. However, when joining two Beziers, careful placement of the control points is required to ensure continuity.

Slide 6: Equation typo corrected

Slide 7: Equation typo corrected

Slide 8: Equation typo corrected

Slide 11: The definition of non-uniform was misleading and has been rephrased to “The knots in the knot vector are not required to be uniformly spaced”.

Slide 11: To say that B-Splines are ‘chains’ of Beziers was inaccurate. B-Splines are a generalization of Bezier splines with controllable degree. Bezier splines are one special case of B-splines.

Slide 23: **The definitions of *open* and *closed* were swapped.** A knot vector which repeats its first and last knot values k times is called *open*. A knot vector which does not do this is called *closed*.

This notice was last updated 2015-02-13.