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CS 413 HW4

1. Interpolating along a line or multiple points from one to the next and so on.
2. Hermite curves use higher order equations, catmull-rom splines use tangents for sample points, bezier curves use only 4 control points, b-splines interpolates 2 control points and approximates the others
3. Forward differencing uses an equation that subtracts the previously calculated point, midpoint subdivision recursively divides a curve into subcurves

U = 0

X = d

Output( x )

Dx1 = ah^3+bh^2+ch

For( I = 1; I <=n; i++ )

U+= h;

X += dx1;