



Curved Surfaces

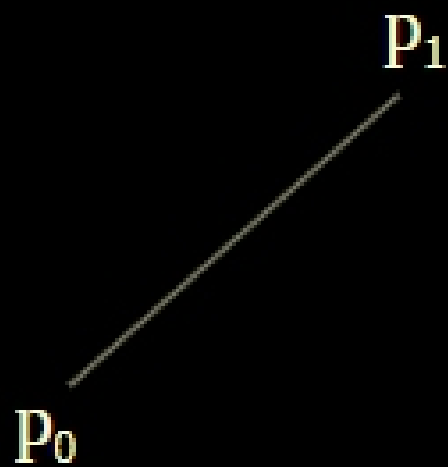
CSE167: Computer Graphics

Instructor: Steve Rotenberg

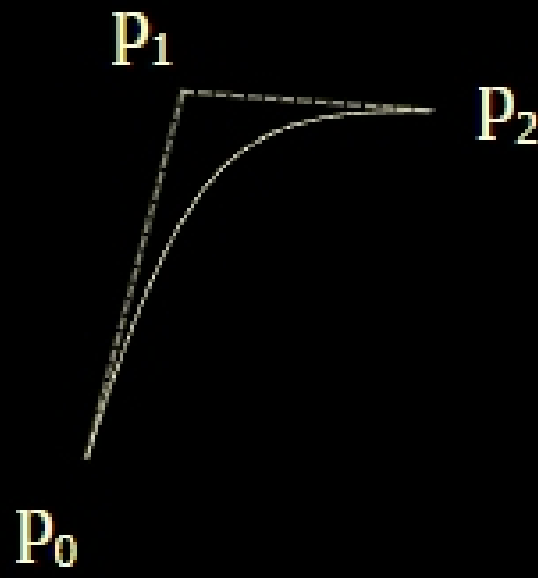
UCSD, Fall 2005

Bezier Curves

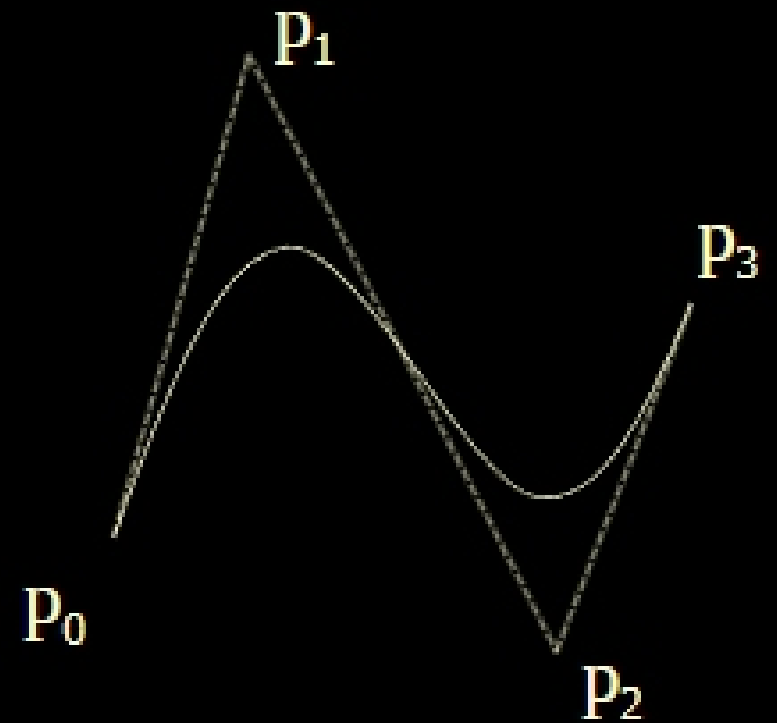
- Bezier curves can be thought of as a higher order extension of linear interpolation



Linear



Quadratic



Cubic

Curve Evaluation

- Find the point \mathbf{x} on the curve as a function of parameter t :

