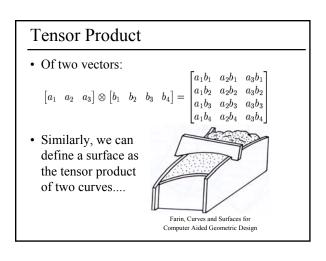
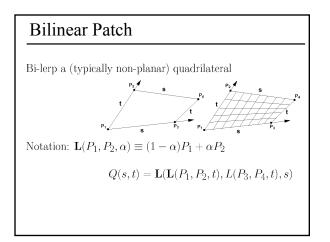
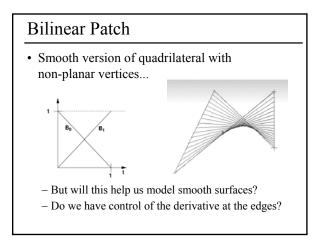


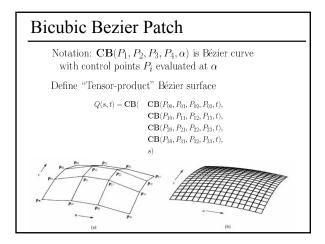
## Today

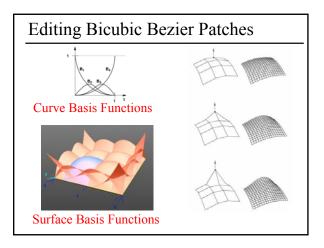
- Spline Surfaces / Patches – Tensor Product
  - Bilinear Patches
  - Bezier Patches
- Subdivision Surfaces

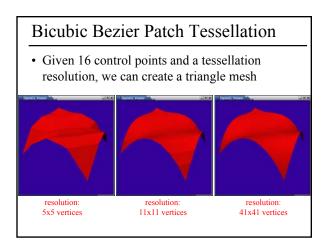


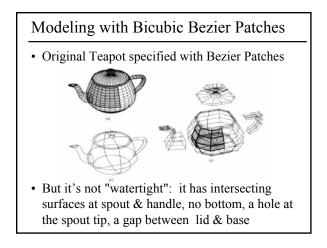


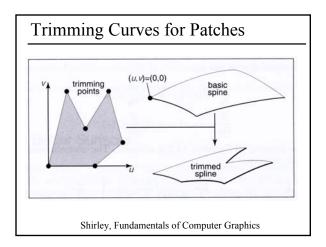


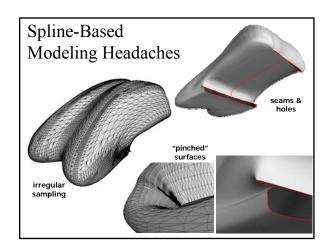


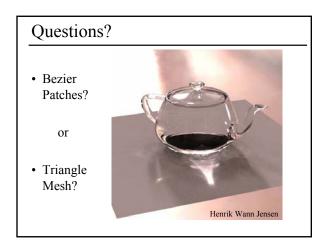


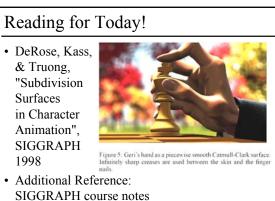












SIGGRAPH course notes Subdivision for Modeling and Animation

## Subdivision Surfaces

- Subdivision Zoo
  - Doo Sabin (anything!)
  - Loop (triangles only)
  - Catmull Clark (turns everything into quads)... many others!
- Subdivision for Texture Coordinates

