







http://en.wikipedia.org/wiki/Weft

Reading for Today

• DeRose, Kass, & Truong, "Subdivision Surfaces in Character Animation", SIGGRAPH 1998



Figure 5: Geri's hand as a piecewise smooth Catmull-Clark surface. Infinitely sharp creases are used between the skin and the finger nails.

Subdivision Surfaces in Character Animation

- Catmull Clark
 Subdivision Rules
- Semi-sharp vs. Infinitely-sharp creases
- Mass-Spring Cloth (next time)
- Hierarchical Mesh for Collision
- Texturing Subdivision Surfaces





gure 11: (a) A texture mapped regular pentagon comprised of triangles; (b) the pentagonal model with its vertices moved; (c) subdivision surface whose control mesh is the same 5 triangles (a), and where boundary edges are marked as creases; (d) the behaviors more there with its variance accound as in (b).

















