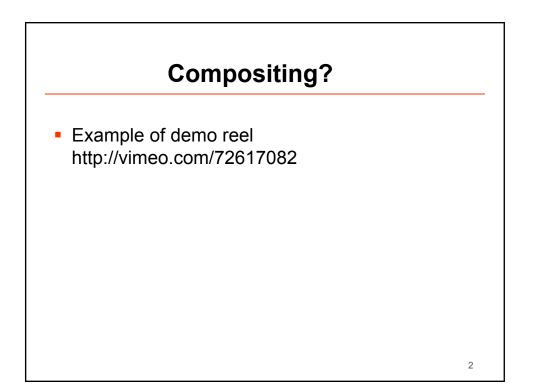


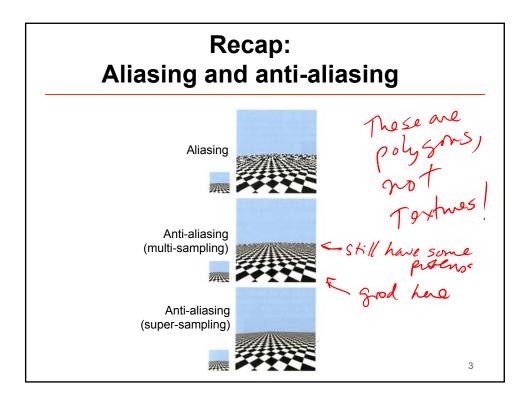
Dinesh K. Pai

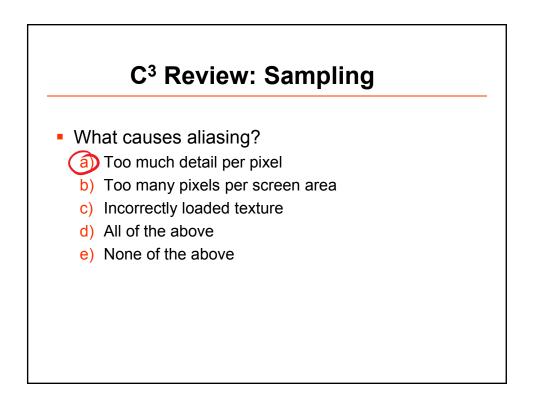
Textbook Chapter 16,17

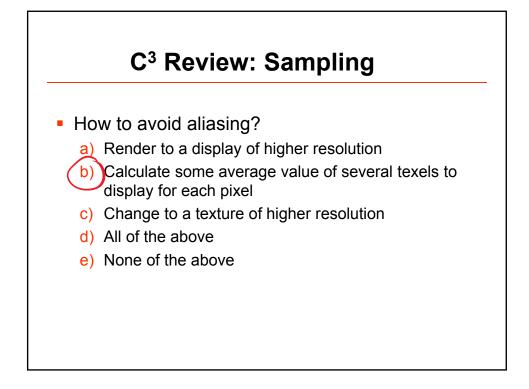
Several slides courtesy of M. Kim

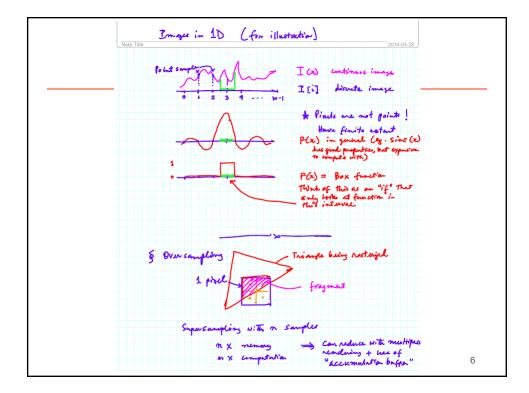
1













- Generalize idea of anti-aliasing to representing the "coverage" of each pixel by an object
- Essential for multi-pass rendering, requiring combination of images
- Historically, related to "matte"s in film, now done using the "alpha" channel in RGBA color images
- Importance increasing due to increasing availability of digital imagery
- Widely used: Visual Effects, "Sprites" in games, etc. Natively supported in most OS's for GUI

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