Examples of antialiasing methods

CS 248 - Introduction to Computer Graphics

Autumn quarter, 2003

Additional slides for October 21 lecture

# Analytical polygon filtering
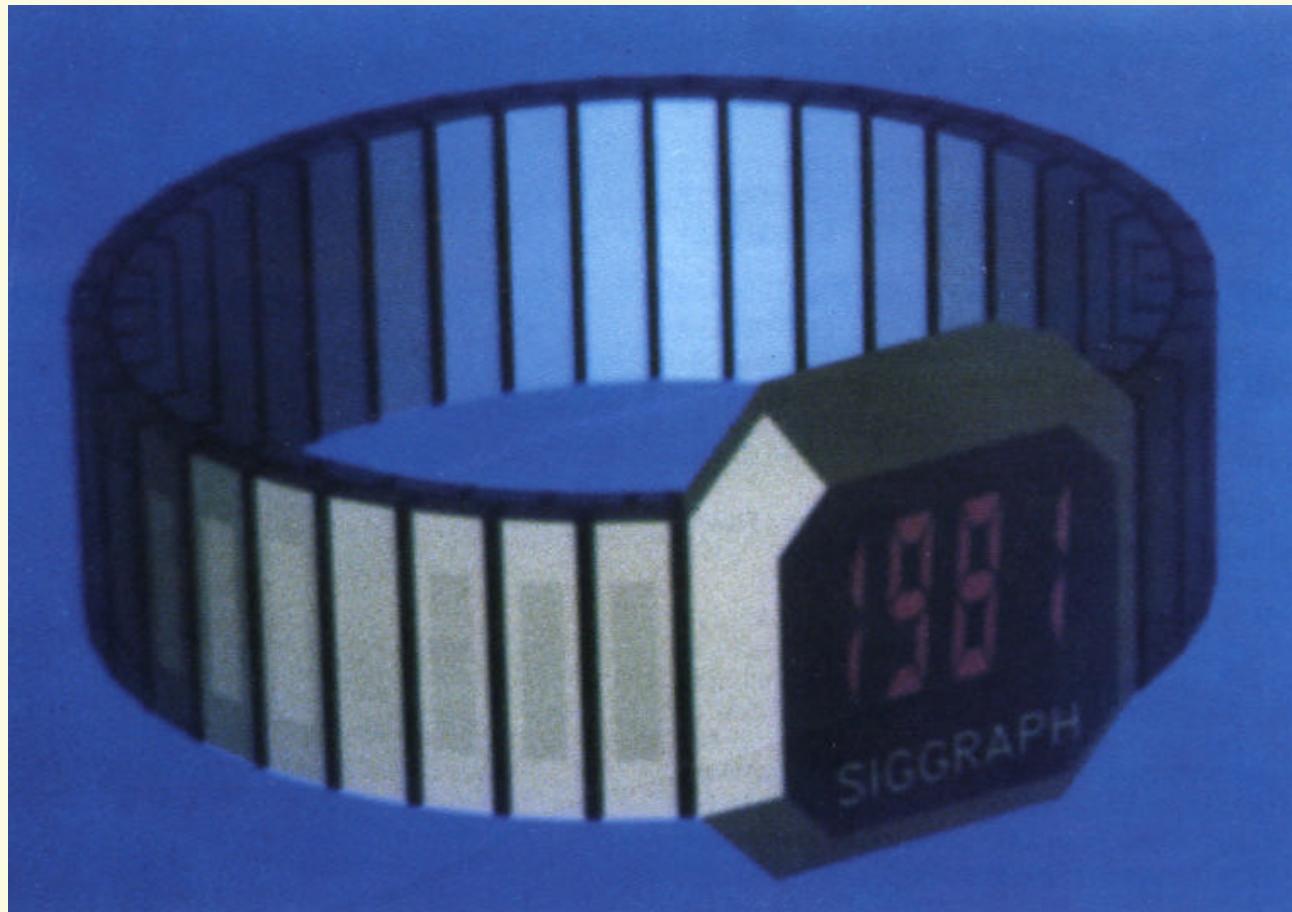

(Rob Cook, Siggraph '81)

# Regular supersampling
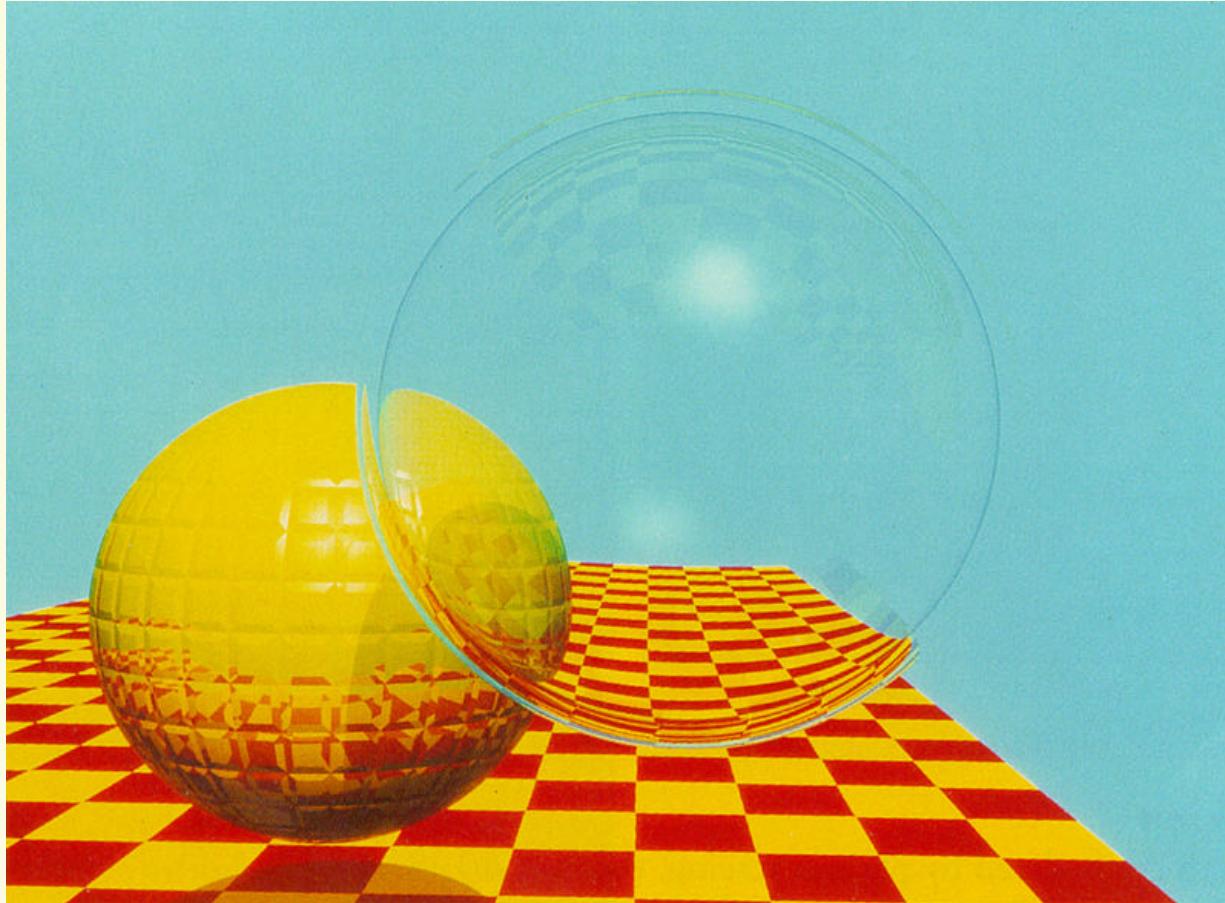
(Turner Whitted, Siggraph '80)

Stochastic supersampling
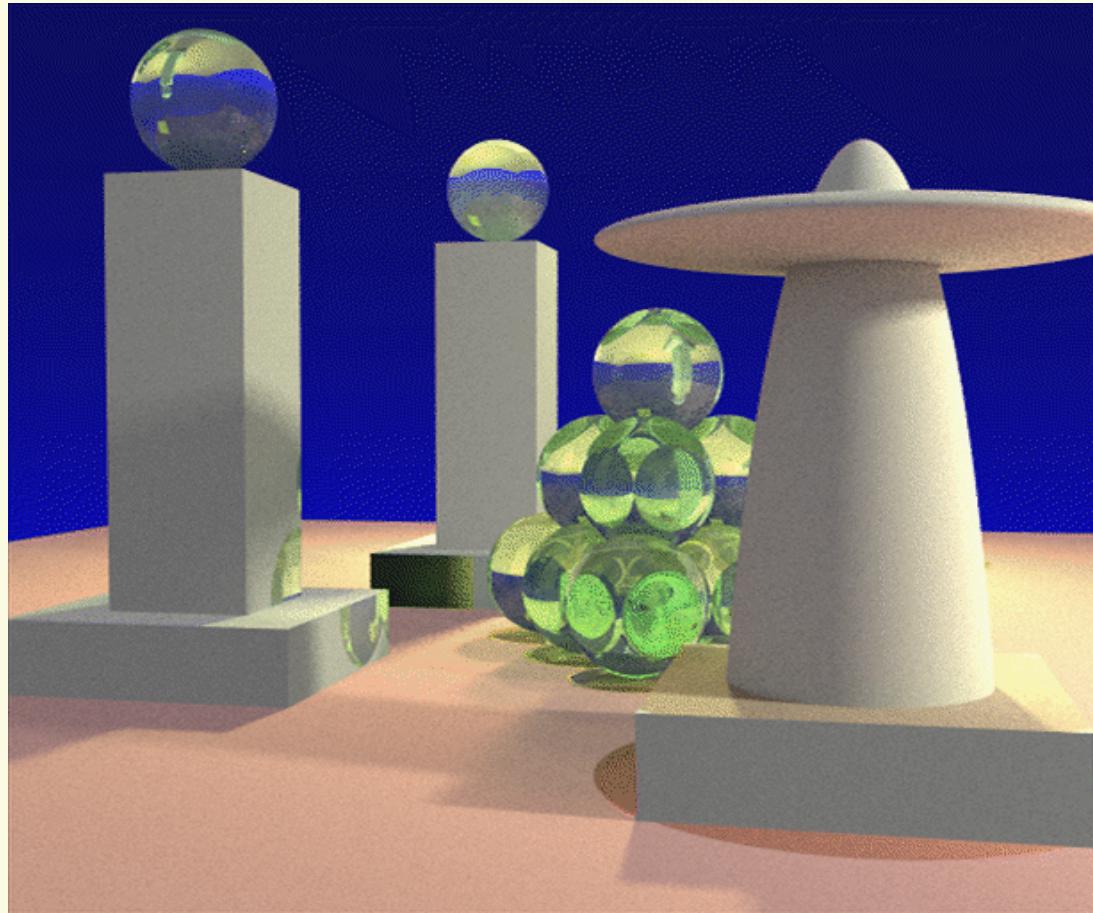
(Jim Kajiya, Siggraph '86)

Adaptive regular sampling
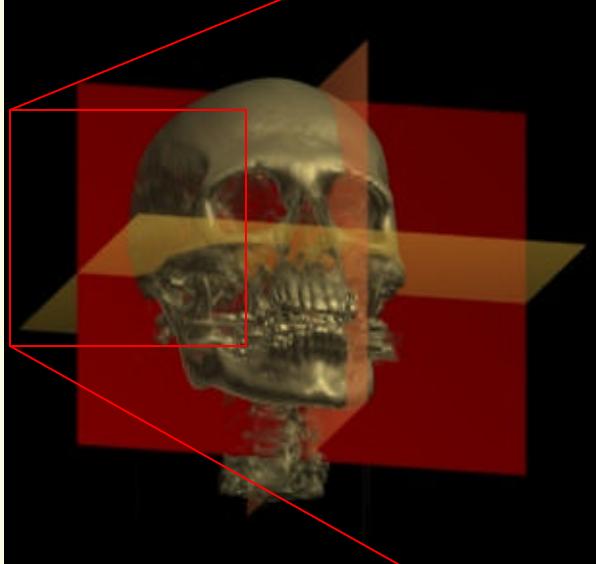
(Marc Levoy, 1989)
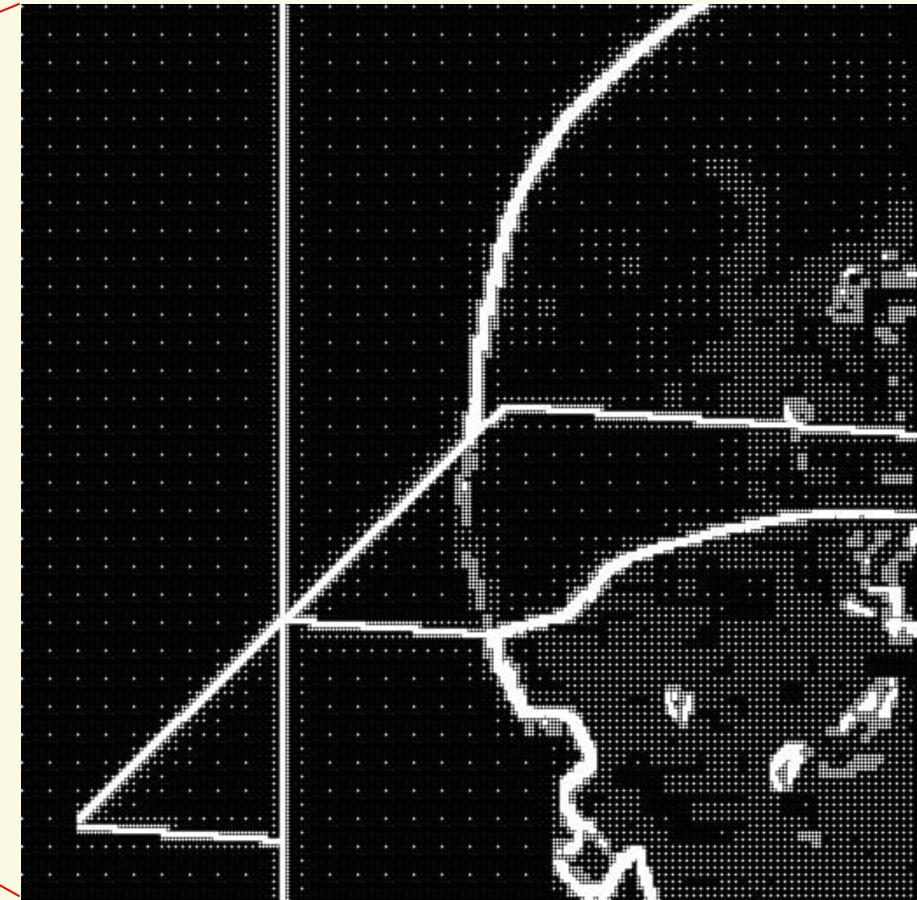
Adaptive stochastic sampling
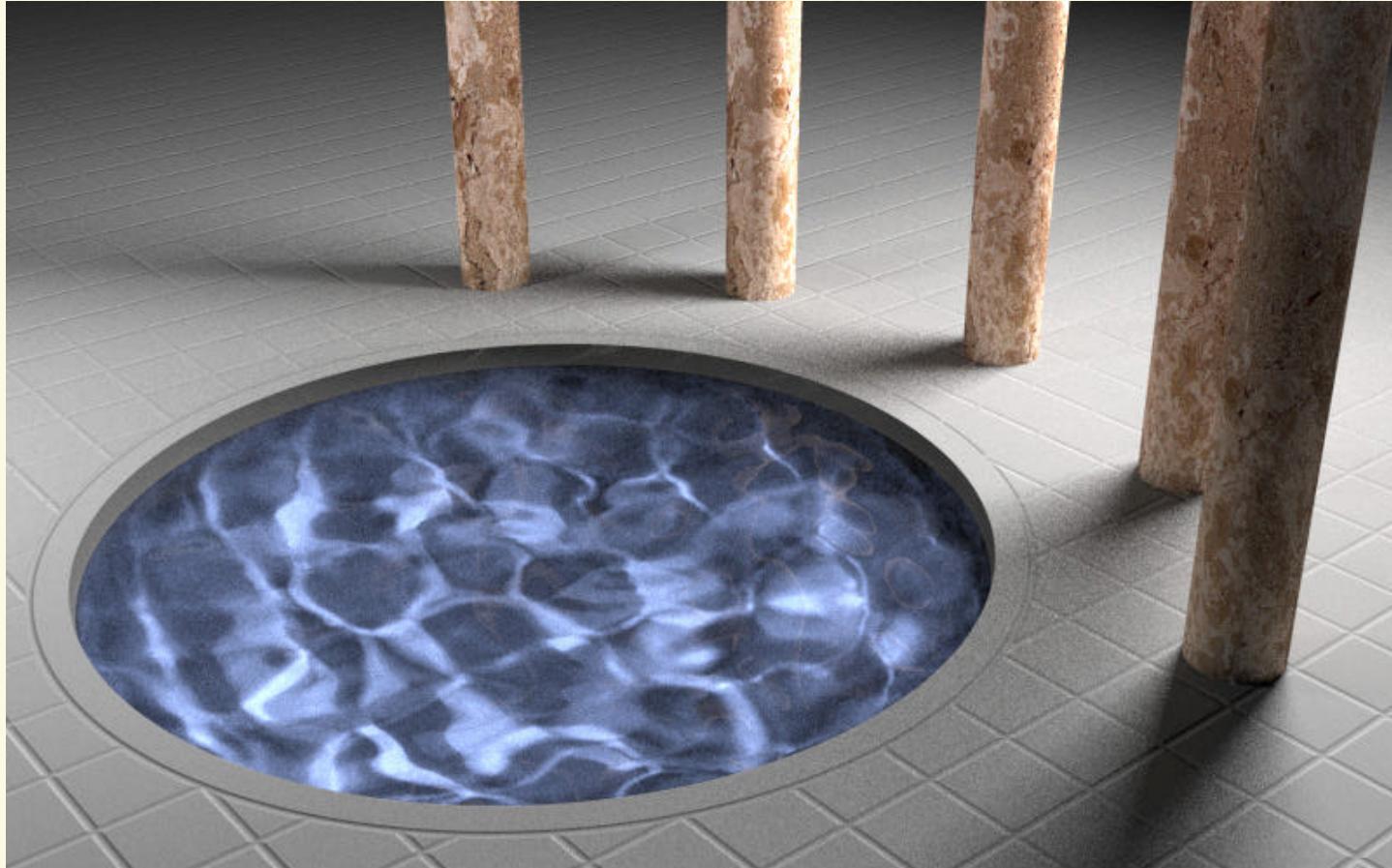

(Eric Veach, Siggraph '97)

Antialiasing of text

integral pixel font
(Sony Trinitron)
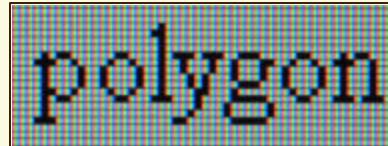
integral pixel font
(IBM LCD)
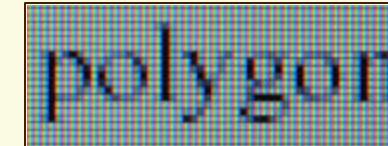
antialiased font
(Adobe Acrobat)
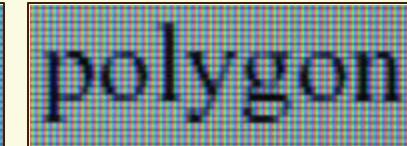
subpixel font
(Adobe Cooltype)