

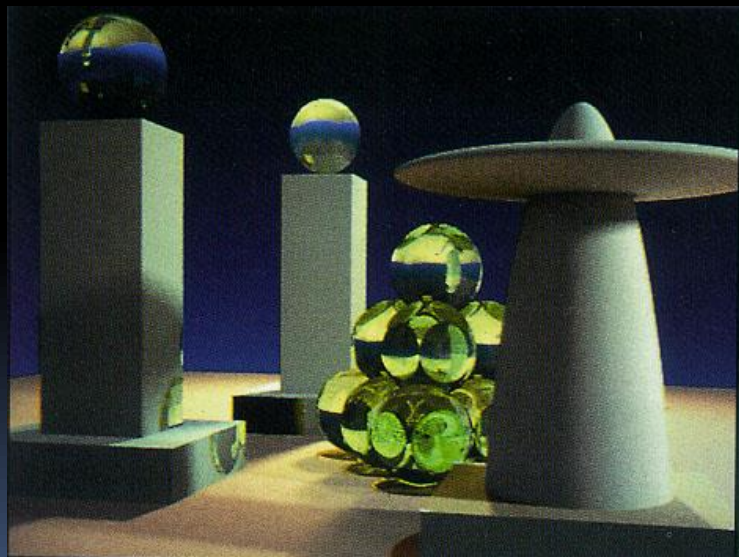


計算機圖學的簡介於應用

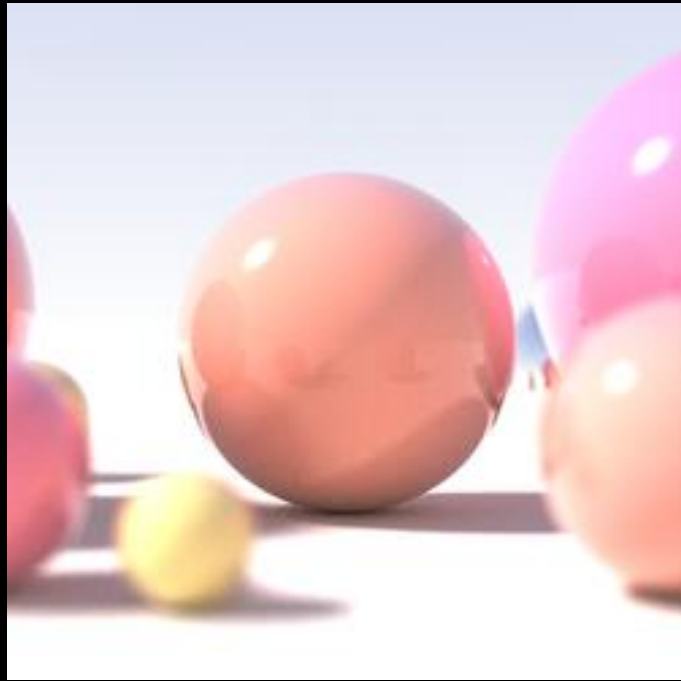


3D Computer Graphics

- **3D computer graphics** (in contrast to 2D computer graphics) are graphics that use a three-dimensional representation of geometric data (often Cartesian) that is stored in the computer for the purposes of performing calculations and rendering 2D images. Such images may be stored for viewing later or displayed in real-time.
- By http://en.wikipedia.org/wiki/3D_computer_graphics










Applications

- Movie Effect
 - Animation Film
 - Games
 - Scientific Simulation and Visualization
 - Engineering Design
 - Interior Design
 - Advertisement
- 

Movie Effect



"Geri's Game"

Academy Award-winning of the best animated short film, 1997.

DEMO



"Jurassic Park"

Three Academy Awards® for its ground-breaking visual and sound effects

Computer Games

Available Now!
1-800-idgames



Quake III Arena
In Stores Now!

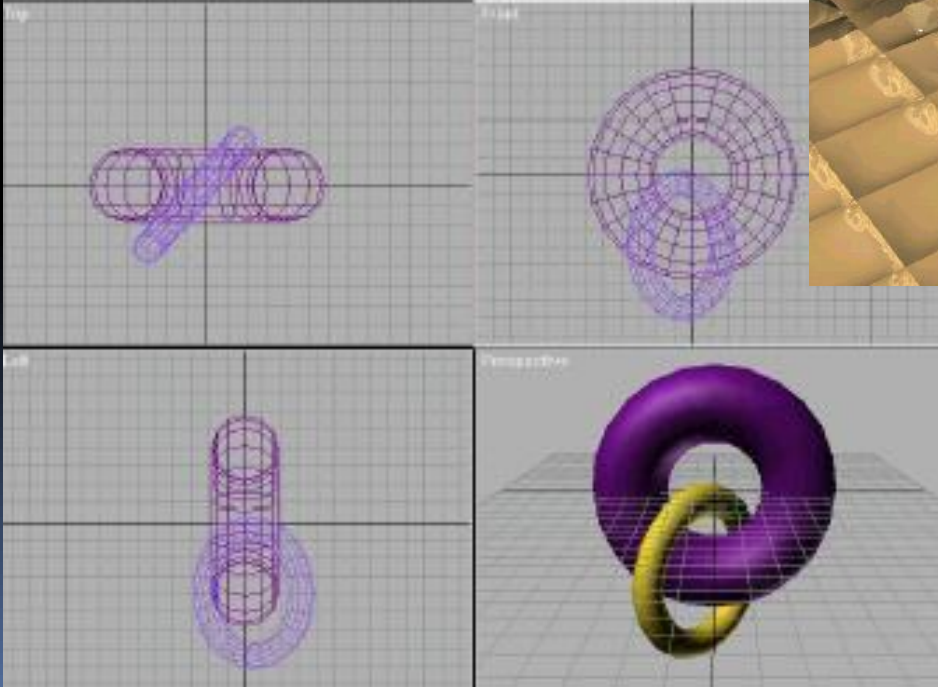
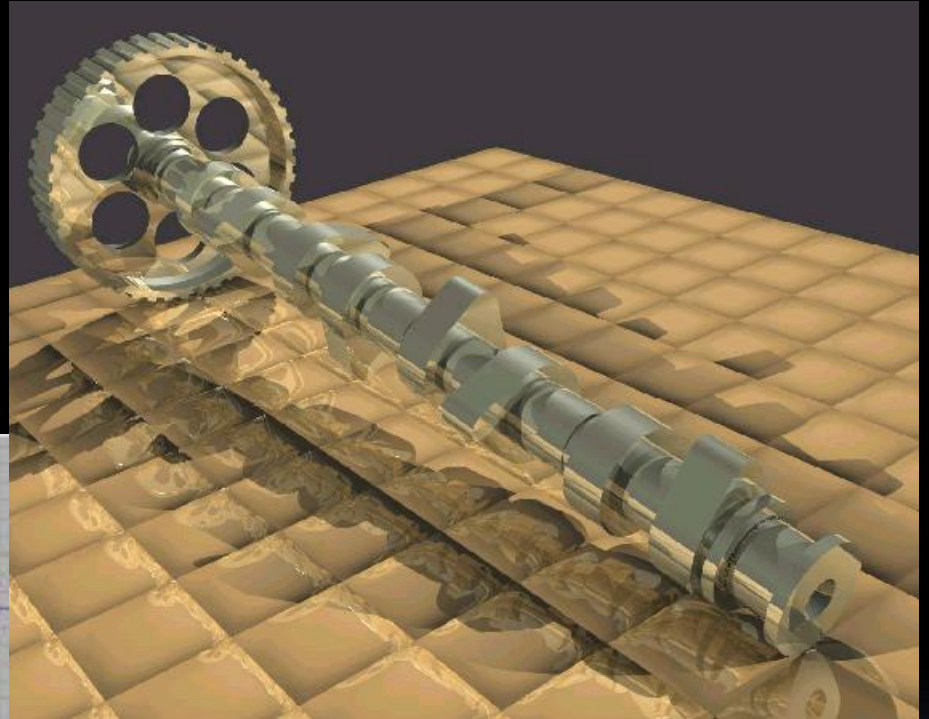


"Tekken Tag Tournament"
Playstation 2

DEMO

Engineering Design

- CAD
- CAE



DEMO

DEMO

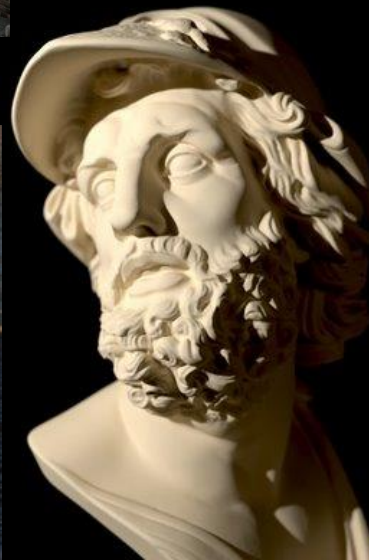
Interior Design



DEMO

Advanced Graphics Technologies

- Ray Tracing





Advanced Graphics Technologies

- The Parthenon

DEMO

- High Resolution Face Scanning for Digital Emily

DEMO

- Live 3D Teleconferencing

DEMO

