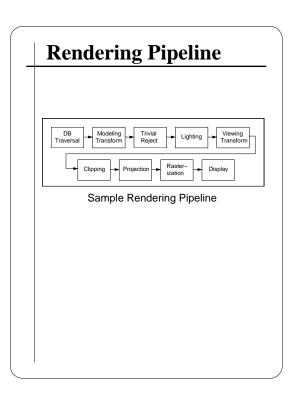
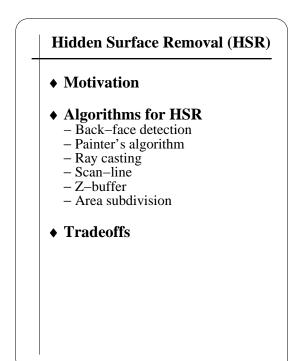
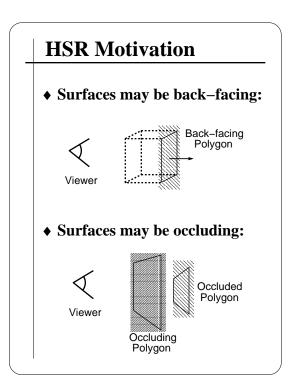
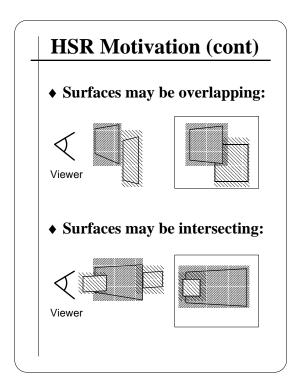
3D Hidden Surface Removal

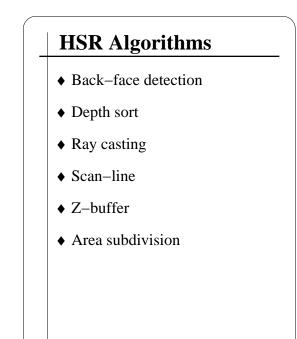
Thomas A. Funkhouser

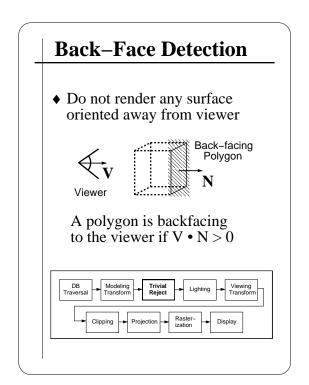


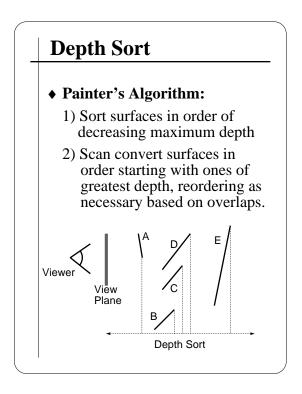


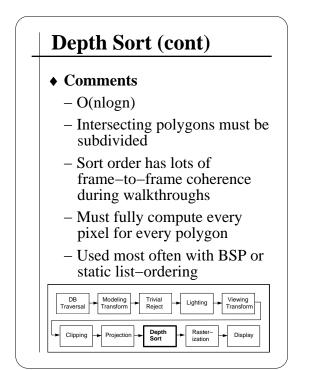


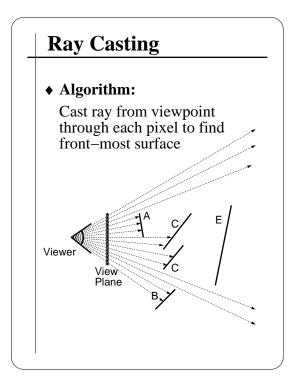


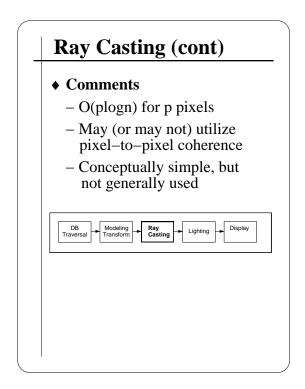


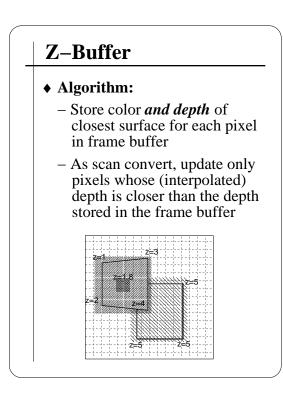


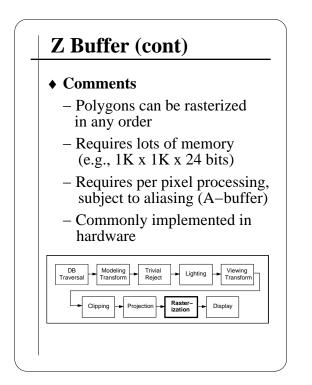


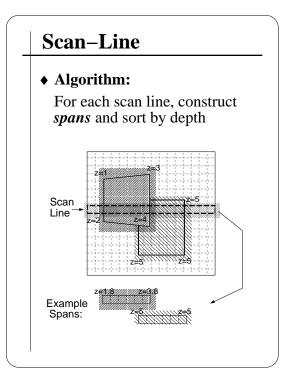


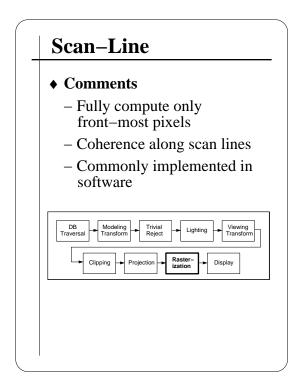


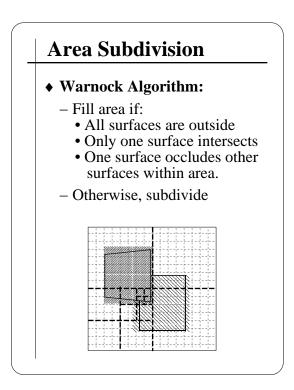












Conclusion

• Hidden surface algorithms - Back-face detection

- Depth sort
 Ray casting
 Z-buffer

- Scan–line
- Area subdivision

♦ Hardware - Z-buffer

- ♦ Software
 - Depth sort Scan–line