

CSCI-4962: Three-Dimensional Computer Graphics
Class 24: November 18, 2002
Fractals, and Procedural Modeling

Announcements

- Homework 5 is due on Monday, November 25.
- The Final Exam is on Thursday, December 5. The possible times to schedule the final are 9:00am-1:00pm. If you have a schedule conflict with this time, please send me email before midnight on Tuesday, November 19 with your schedule for that day.
- Holly Rushmeier from IBM Watson Labs will give a lecture on Tuesday, December 3, 4:00-5:00pm by in Amos Eaton 214.

Today's Class

We will first complete our discussion of fractals and then move on to procedural modeling.

1. Julia sets, and the Mandelbrot set
2. Shape grammars
3. L-systems

Reading

Chapter 11.6–11.8 of the Angel textbook.

Activity

See an article on reflections in OpenGL using the stencil buffer:
<http://www.opengl.org/developers/code/mjktips/Reflect.html>

Next Class

Animation.