

CSCI-4962: Three-Dimensional Computer Graphics  
Class 23: November 18, 2004  
**Fractals, and Procedural Modeling**

## **Announcements**

- Homework 5 is due on Monday, November 22.
- Project 4 is due by 11:59:59pm on Monday, December 6.
- The Final Exam is on Thursday, December 9 at 9:00am–noon. If you have a schedule conflict with this time, please send me email today.

## **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**

Chapters 8.23–8.24 of Hearn and Baker.

## **Activity**

Play with Julia sets at <http://math.bu.edu/DYSYS/applets/JuliaIteration.html>

## **Next Class**

Animation (Chapter 13 of H&B).