

Generating Interesting Fractals using Maple
Math 2270-4 Semester Project
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Outline

Section One: Introduction to Fractals

- A. What are fractals?
- B. How are they created?
- C. What are some different types of fractals?

Section two: Applications and Appearances in Everyday Life

- A. How are generated fractals applied in mathematics and other fields?
- B. Where can fractals be found in nature?
 - a. Snowflakes
 - b. The nervous system
 - c. Plants

Section three: Interesting Fractals Generated by Maple

- A. Show fractals I have generated from maple.