Fractals - Math 370

Ben Kushigian

April 10, 2016

Contents

	0.1 What are fractals?	2
1	Fractals in Nature	3
2	Sierpinski's Gasket	4
3	Measure Theory and Fractal Dimension	5
4	Complex Dynamics	6
In	index	

Introduction

0.1 What are fractals?

A fractal is a set or geometric shape that has similar geometric or statistical attributes at all levels.

Fractals in Nature

Sierpinski's Gasket

Measure Theory and Fractal Dimension

Complex Dynamics

Index

self similar, 2