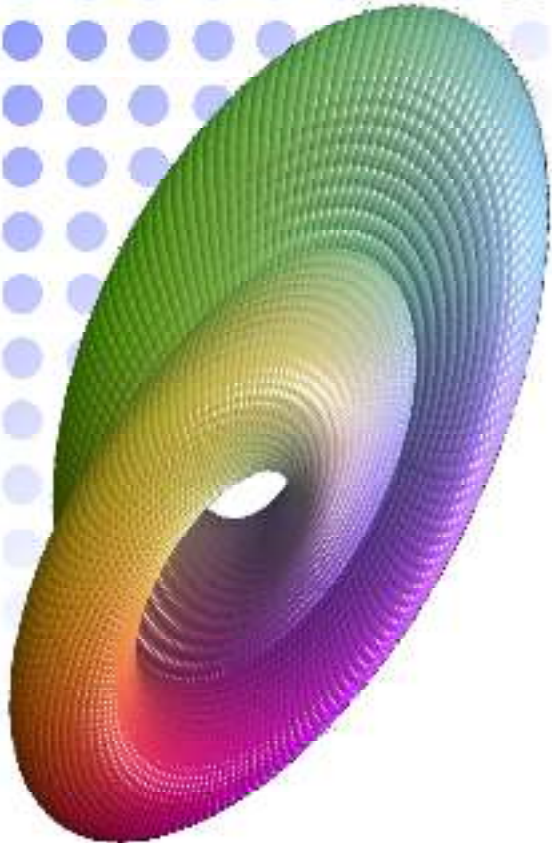# Michigan Math Club

Thursday at 4pm in the Commons
Free Pizza and Pop

Fractals and

Fractal Dimensions

Cynthia Vinzant

Abstract for 8 Nov 2012

Fractals are self-similar objects, like Sierpinski's triangle and the cube with holes in the math atrium. I'll talk about what a fractal is, why they exist, and how can you make your own fractal. What is the dimension of a fractal? It depends on how you define dimension, but often the answer is not an integer.