

Michigan Math Club

Thursday at 4pm in the Commons
Free Pizza and Pop



The Most Famous Pictures in Math

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Abstract for 20 November



Fractals are well known in popular culture, but it is not clear how they came out of math. In fact, they encode information about functions. I will begin by presenting a few examples mathematically. Then I will explain how the Mandelbrot set and other fractals arise. Finally, I will state some applications to number theory and physics.