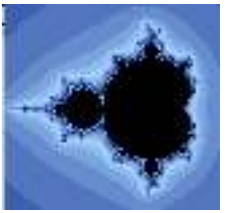


Michigan Math Club



Meeting [virtually](#) for Winter 2021
Thursdays at 4pm EST



Complex dynamics and the Mandelbrot set

Rohini Ramadas
Brown University

25 March 2021



Complex dynamics is the study of “moving around” in the complex numbers, where the movement is governed by a polynomial rule. I will give a pictorial introduction to the field of complex dynamics via two different perspectives on a famous fractal, the Mandelbrot set.