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Mandelbrot set. Each point of this set corresponds to a different value of c and a different Julia set.





The equation leading to these sets is $F(z) = z^2 + c$ z is a complex number representing a point in the plane and c is a constant. This mapping z -> F(z) is repeated over and over again mapping the point z to a sequence of different positions. For more explanation and to see the sets in detail go to <u>https://www.youtube.com/watch?v=MAzYWM7Yf4U</u>

or just google 'animation of Mandelbrot set'.





