

# Fractalio

## Controls

### Mouse

**Move around** by pressing the primary mouse button and dragging.

**Zoom** by pressing the secondary mouse button and dragging up and down or by scrolling.

**Move parameters** by dragging them with primary mouse button.

**Add parameters** by pressing middle click on mouse while not hovering over a parameter.

**Remove parameters** by pressing middle click on mouse while hovering over a parameter.

### Commands

:

$$x_{i+1} = f(x_i, p, \theta)$$

$$x_0 = 0$$

$$x_{i+1} = x_i^2 + p$$

$$x_0 = p$$

$$x_{i+1} = x_i^2 + \theta$$

$$x_0 = 0$$

$$x_{i+1} = x^\theta + p$$

$$x_0 = 0$$

$$x_{i+1} = |\Re(x_i^2 + p)| + j|\Im(x_i^2 + p)|$$

$$x_0 = p$$

$$x_{i+1} = |\Re(x_i^2 + \theta)| + j|\Im(x_i^2 + \theta)|$$