

Fractal.pdf

The Polynomial used was:

$$-379.0 + 0.0i + (0.0 + 0.0i)Z^1 + (-37.0 + 0.0i)Z^2 + (5.0 + 7.0i)Z^3 + (0.0 + 0.0i)Z^4 + (0.0 + 8.0i)Z^5$$

Which can be written more succinctly as:

$$-379 - 37Z^2 + (5.0 + 7.0i)Z^3 + 8.0iZ^5$$

This produced the following plots over the square $(-4 + 4i)$ to $(+4 - 4i)$:

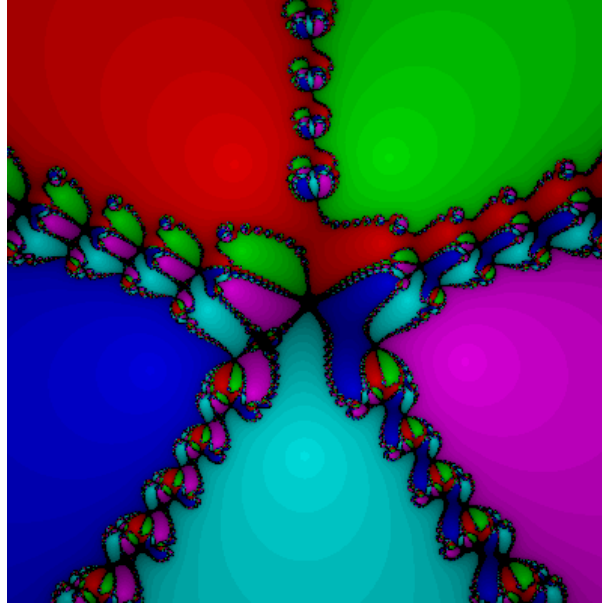


Figure 1: fractal-dark.png

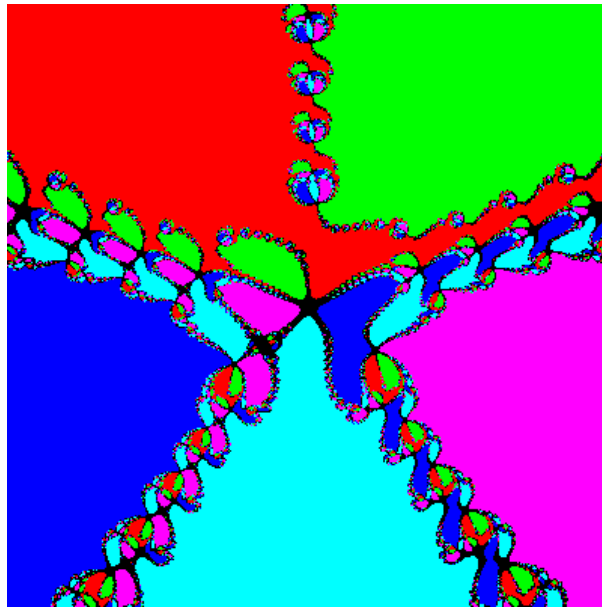


Figure 2: fractal-light.png