

Figure 1: A pattern for a tetrahedron decorated with the Julia set of the rational map $z \mapsto \frac{5\sqrt{2}z^3 + 2}{z^2(2z^3 - 5\sqrt{2})}$.

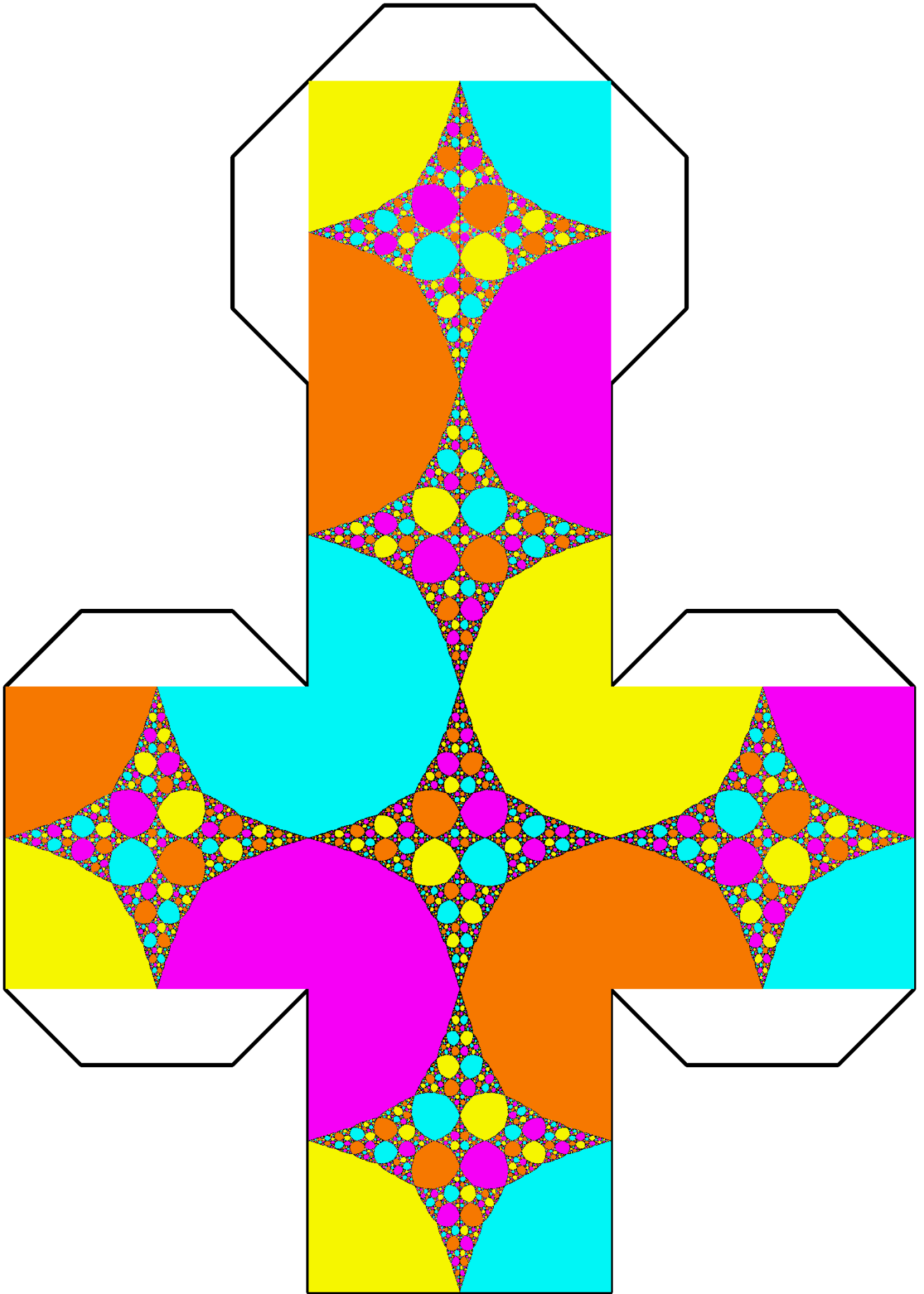


Figure 2: A pattern for a cube decorated with the Julia set of the rational map $z \mapsto -z \frac{z^4 - 5}{5z^4 - 1}$.

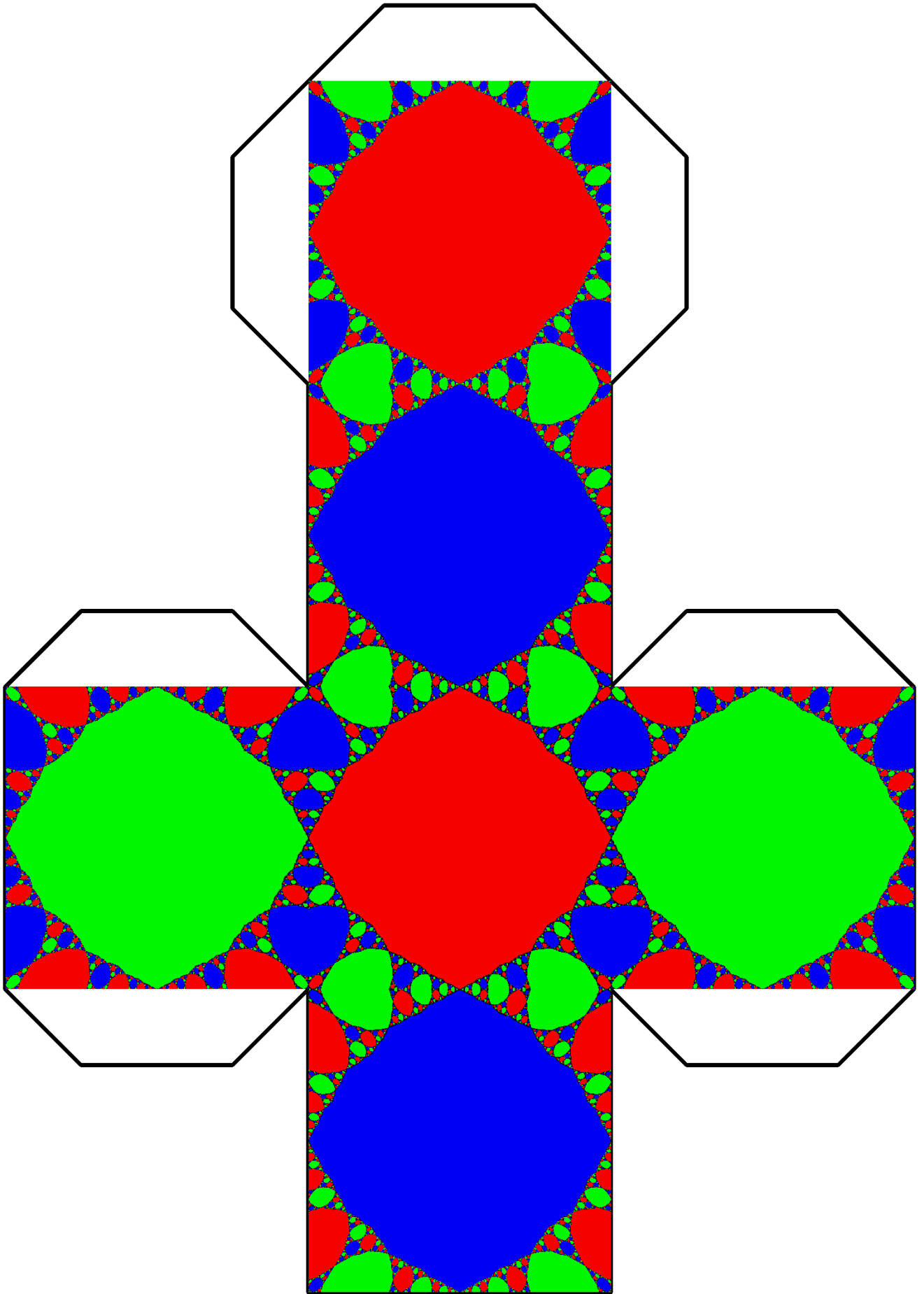


Figure 3: A pattern for a cube decorated with the Julia set of the rational map $z \mapsto \frac{7z^4 + 1}{z^3(7 + z^4)}$.

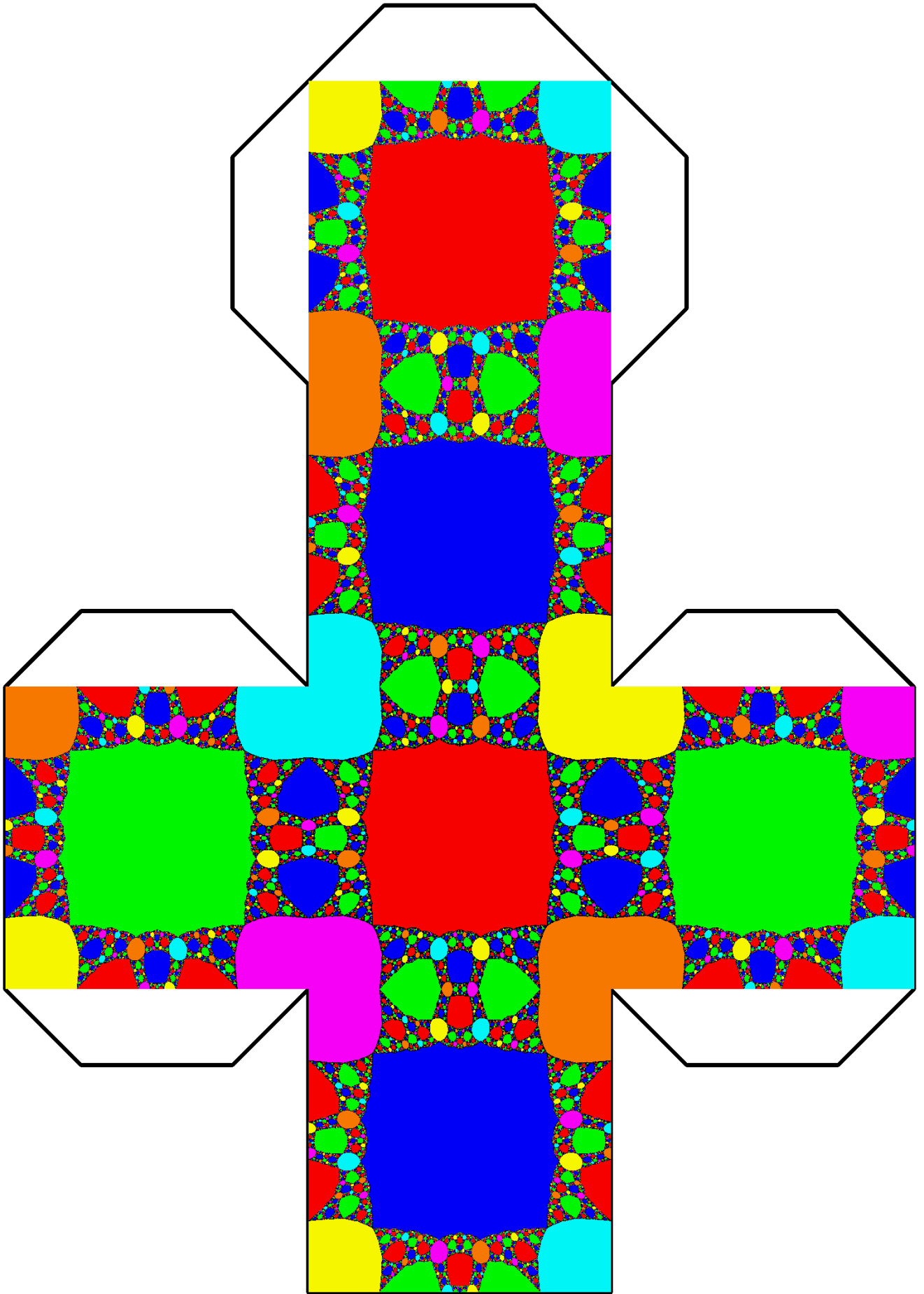


Figure 4: A pattern for a cube decorated with the Julia set of the rational map $z \mapsto \frac{11z^8 + 22z^4 - 1}{z^3(z^8 - 22z^4 - 1)}$.

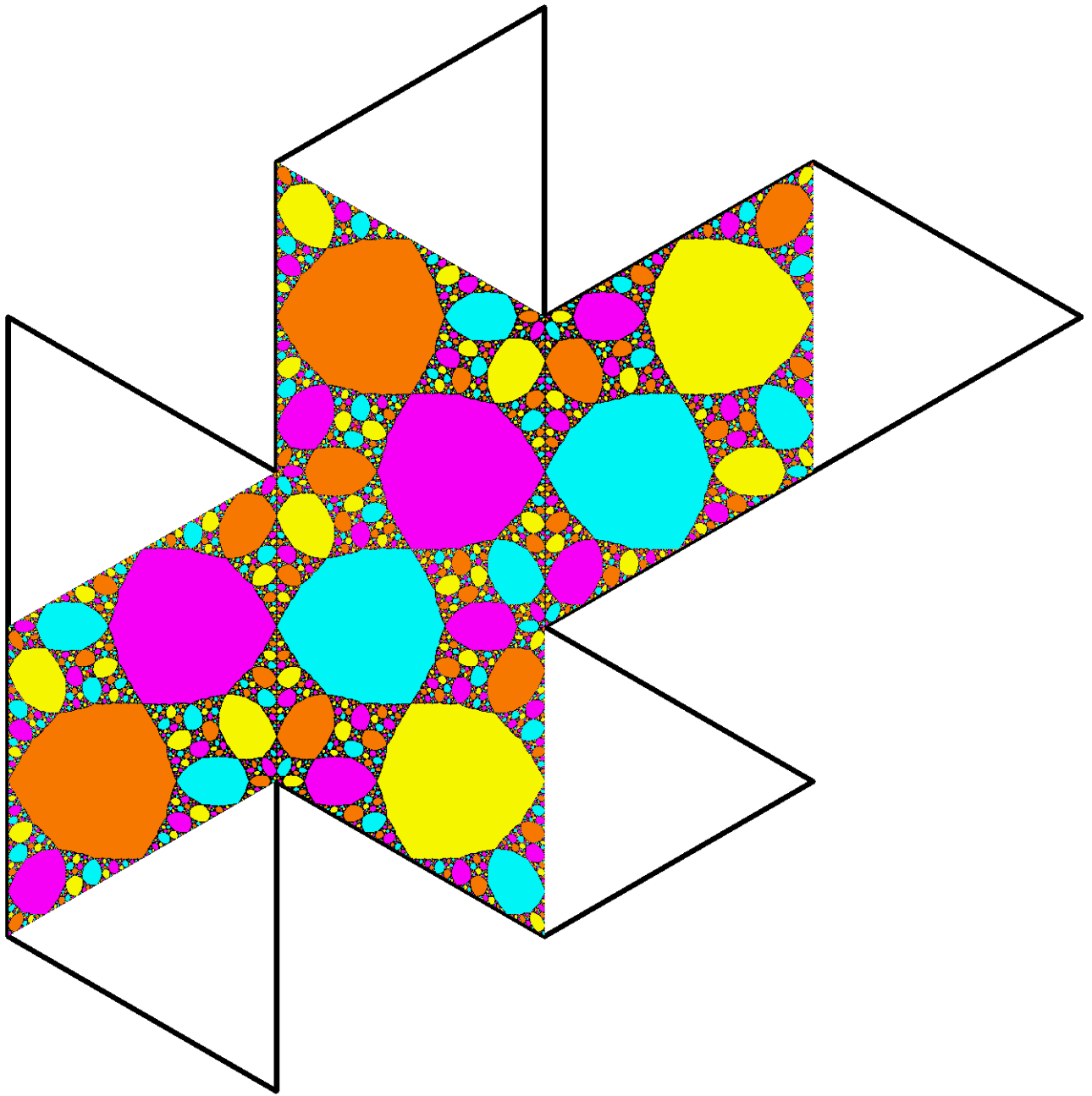


Figure 5: A pattern for an octahedron decorated with the Julia set of the rational map
 $z \mapsto -z \frac{z^4 - 5}{5z^4 - 1}$.

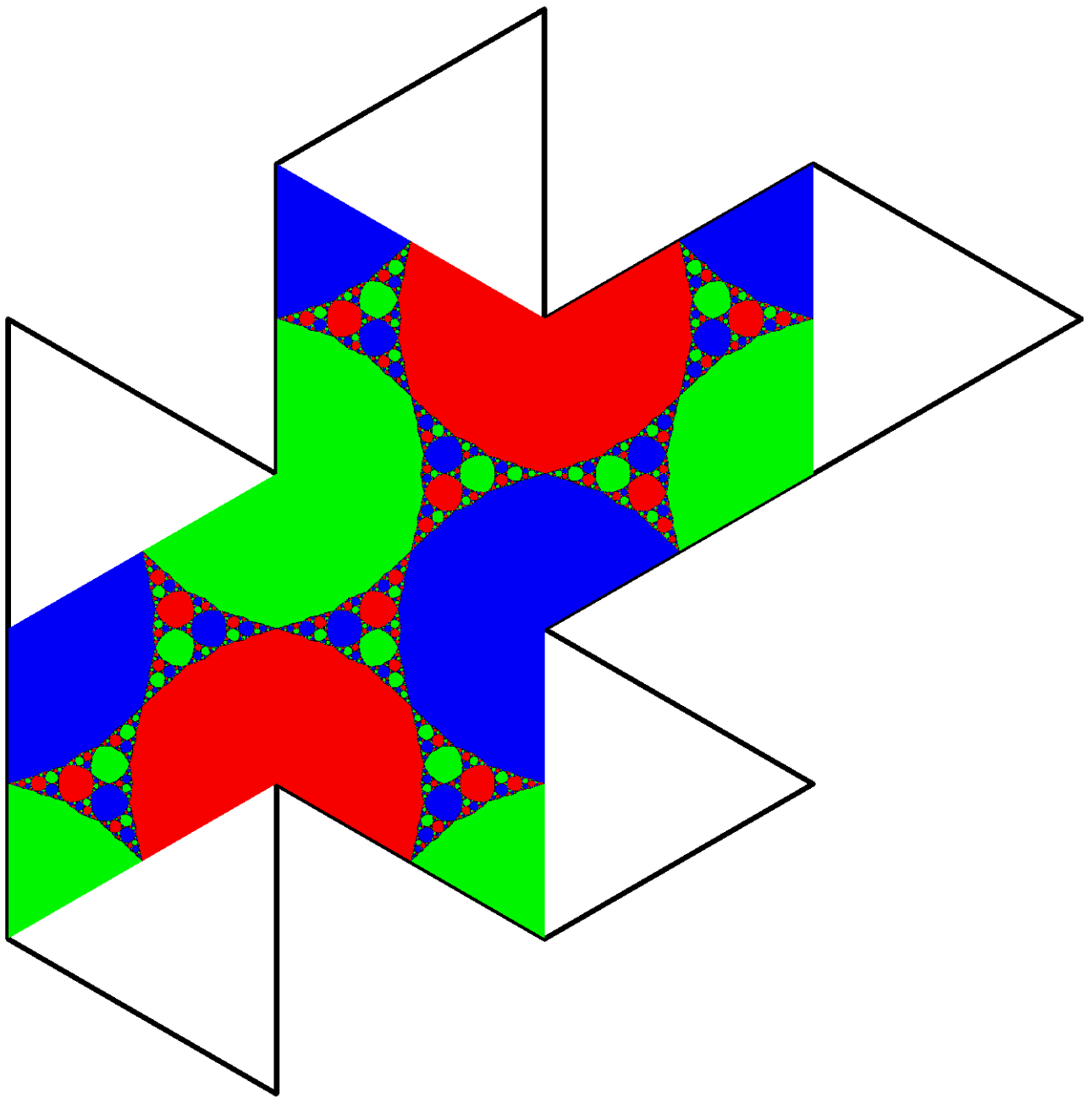


Figure 6: A pattern for an octahedron decorated with the Julia set of the rational map
 $z \mapsto \frac{7z^4 + 1}{z^3(7 + z^4)}$.

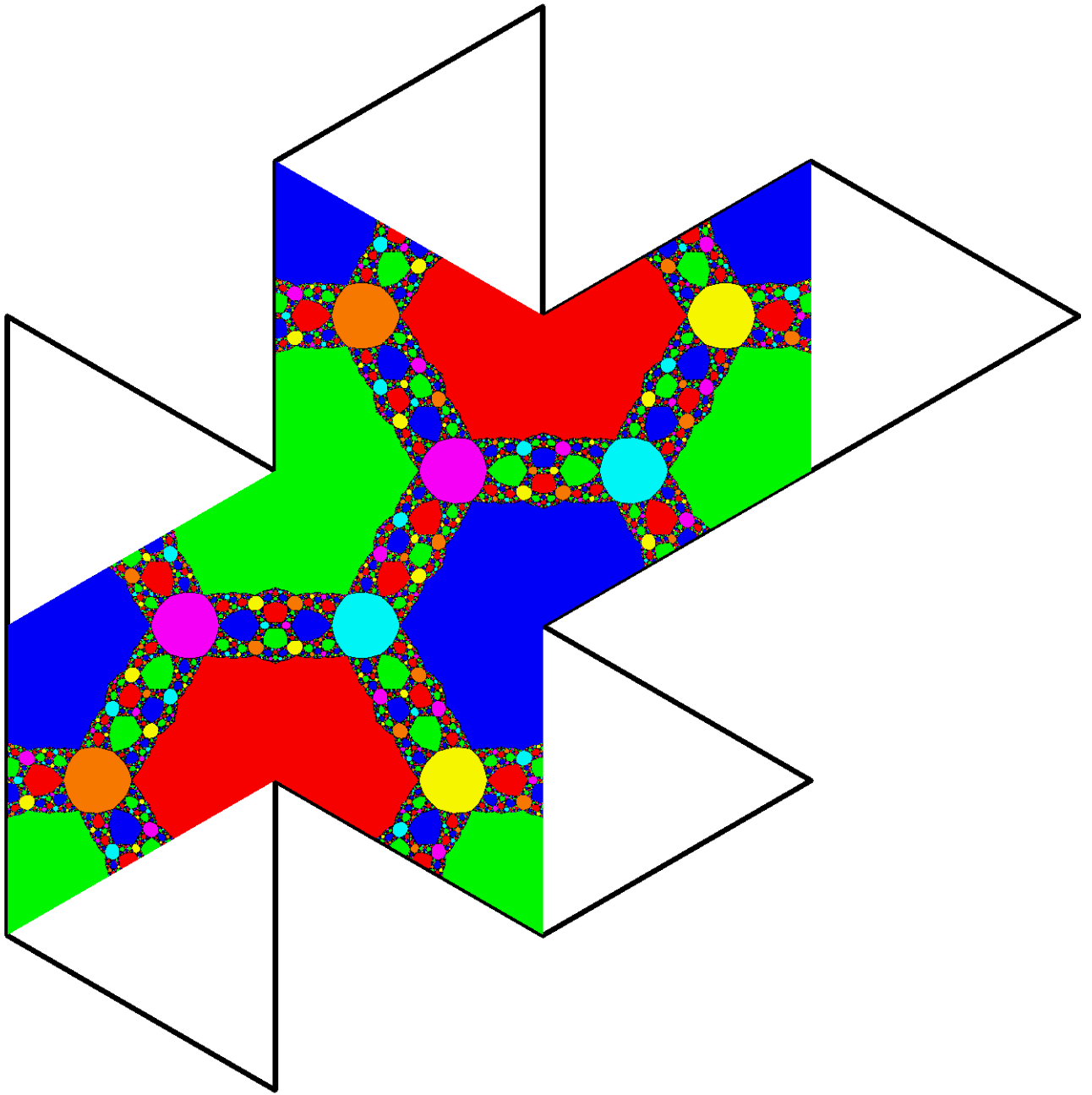


Figure 7: A pattern for an octahedron decorated with the Julia set of the rational map
$$z \mapsto \frac{11z^8 + 22z^4 - 1}{z^3(z^8 - 22z^4 - 11)}.$$

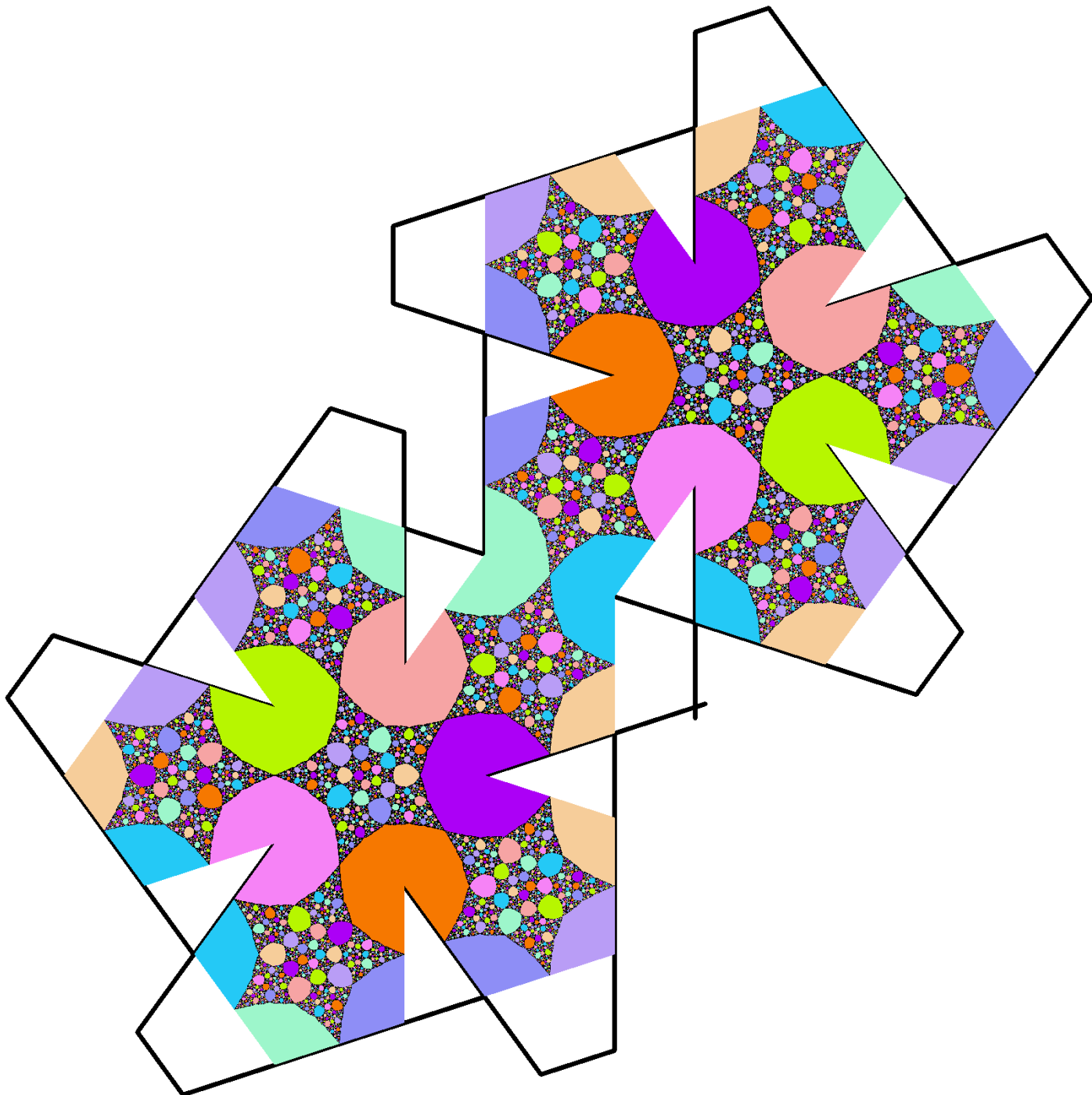


Figure 8: A pattern for a dodecahedron decorated with the Julia set of the rational map
$$z \mapsto z \frac{z^{10} + 66z^5 - 11}{-11z^{10} - 66z^5 + 1}.$$

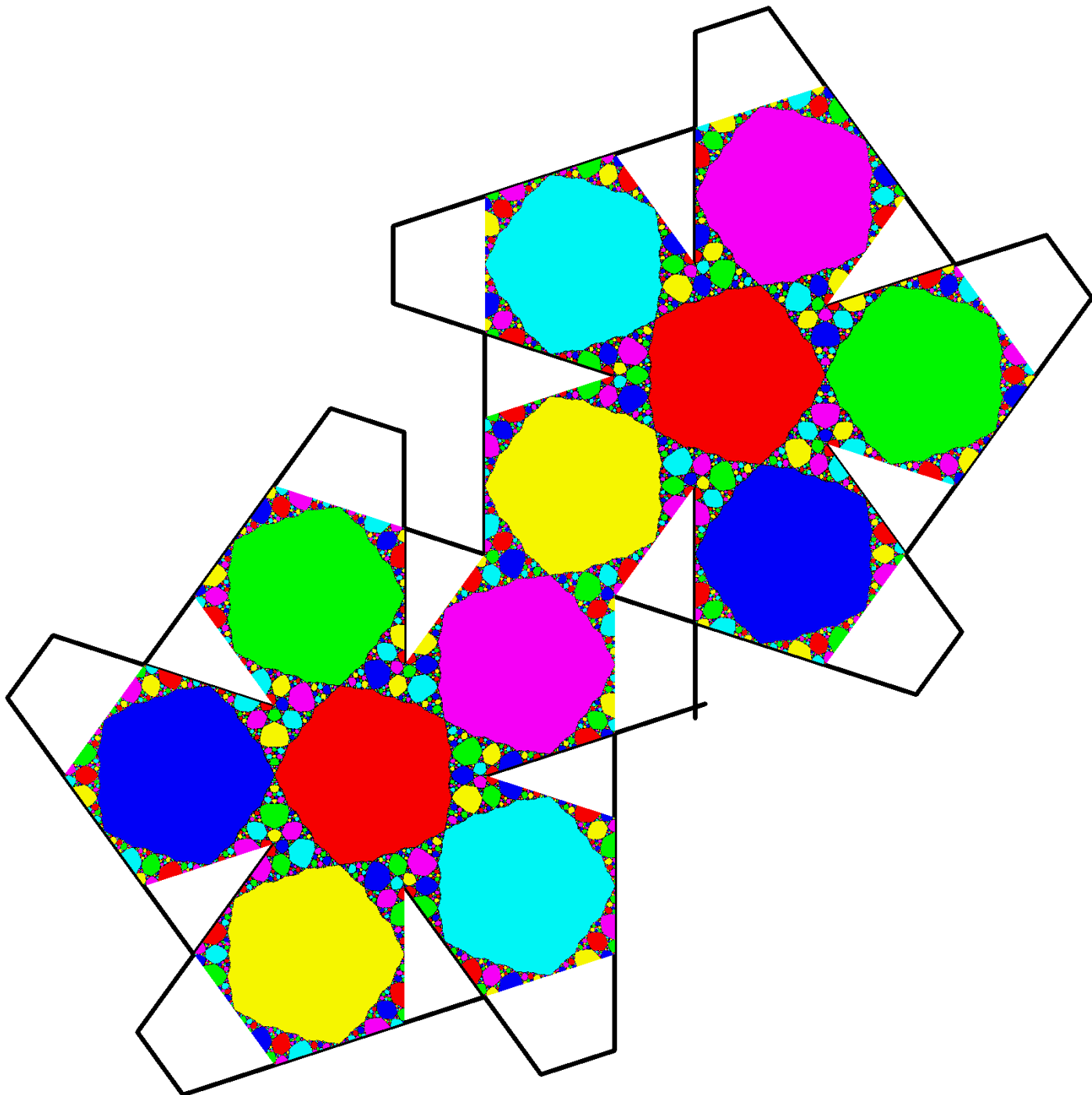


Figure 9: A pattern for a dodecahedron decorated with the Julia set of the rational map

$$z \mapsto z \frac{-57z^{15} + 247z^{10} + 171z^5 + 1}{-z^{20} + 171z^{15} - 247z^{10} - 57z^5}.$$

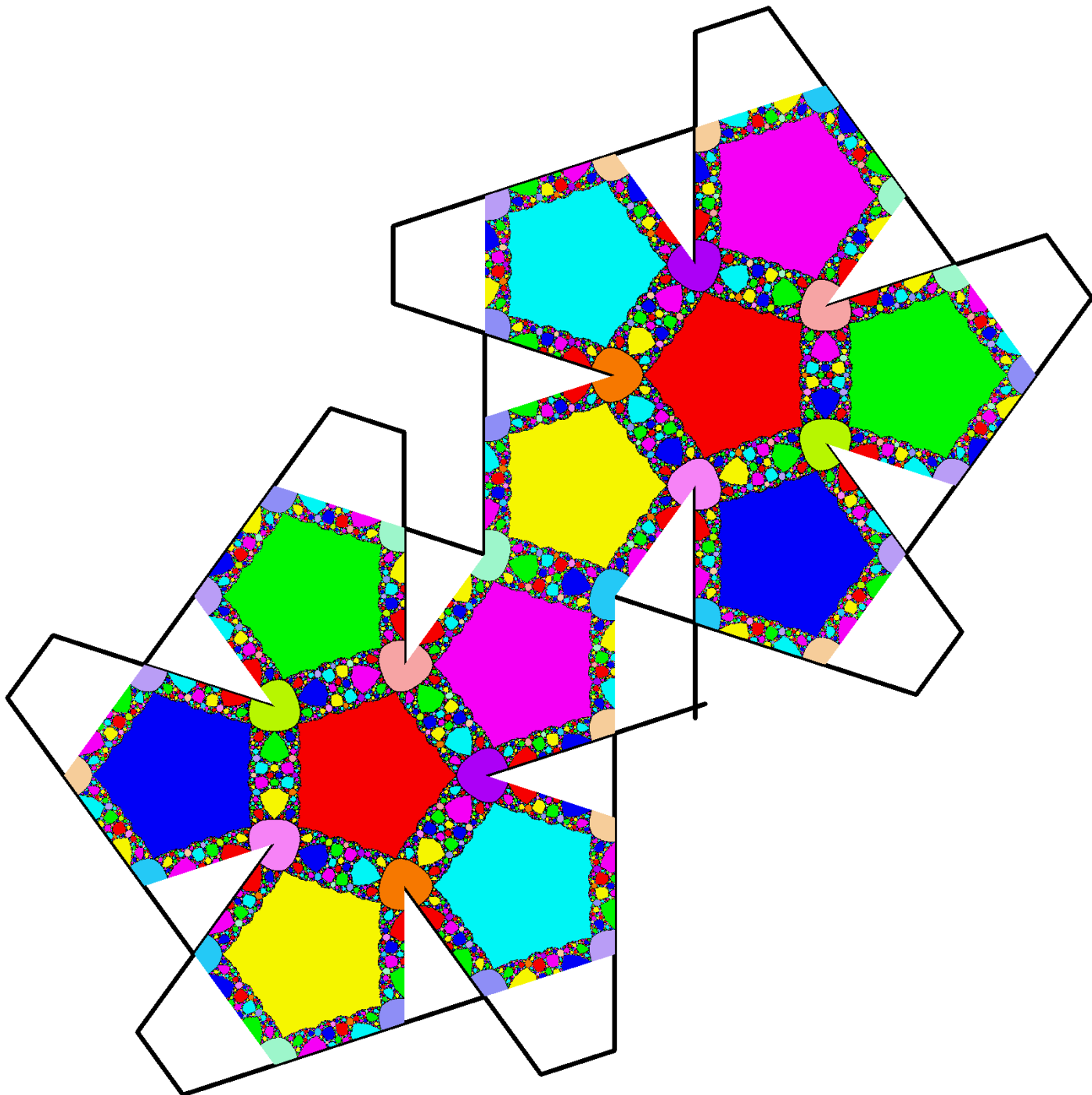


Figure 10: A pattern for a dodecahedron decorated with the Julia set of the rational map

$$z \mapsto z \frac{87z^{25} - 3335z^{20} - 6670z^{10} - 435z^5 + 1}{-z^30 - 435z^{25} + 6670z^{20} + 3335z^{10} + 87z^5}.$$

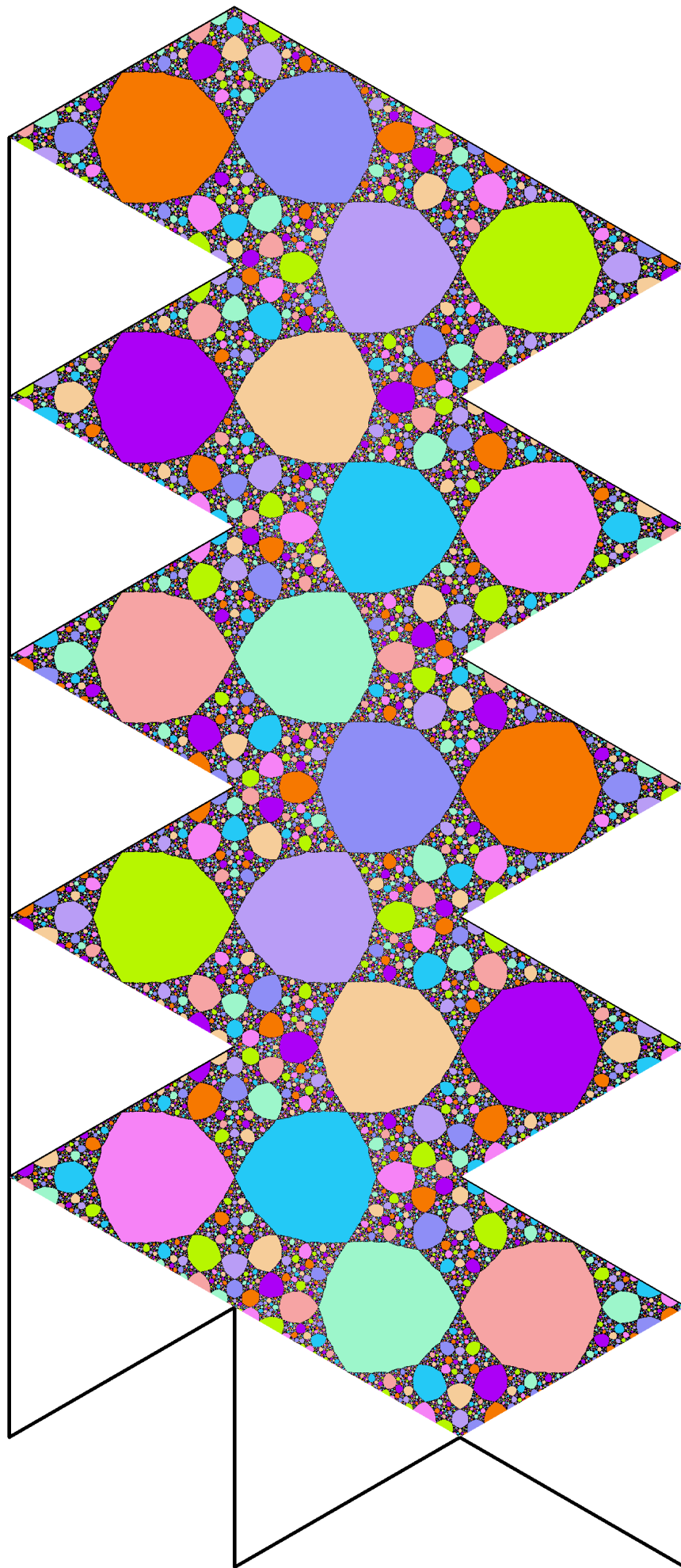


Figure 11: A pattern for an icosahedron decorated with the Julia set of the rational map

$$z \mapsto z \frac{z^{10} + 66z^5 - 11}{-11z^{10} - 66z^5 + 1}.$$

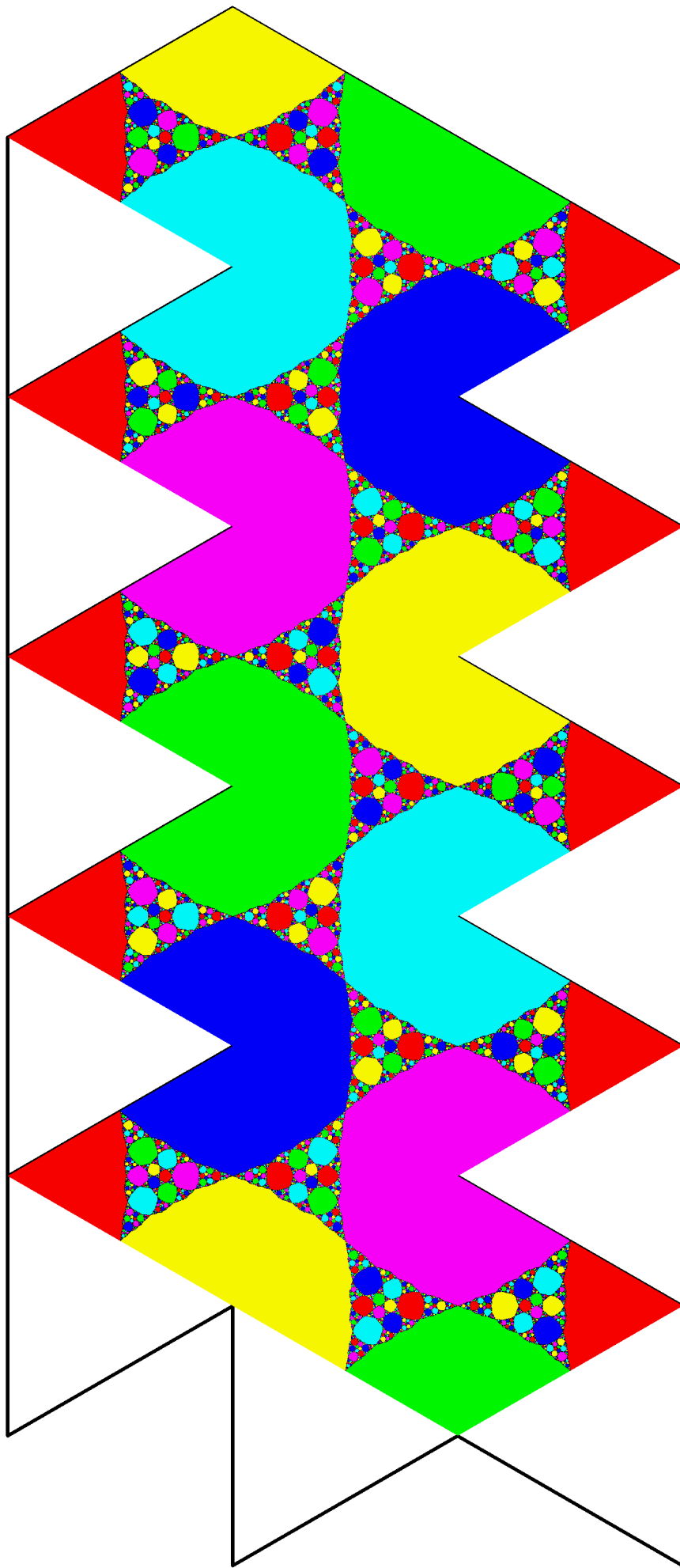


Figure 12: A pattern for an icosahedron decorated with the Julia set of the rational map

$$z \mapsto z \frac{-57z^{15} + 247z^{10} + 171z^5 + 1}{-z^{20} + 171z^{15} - 247z^{10} - 57z^5}.$$

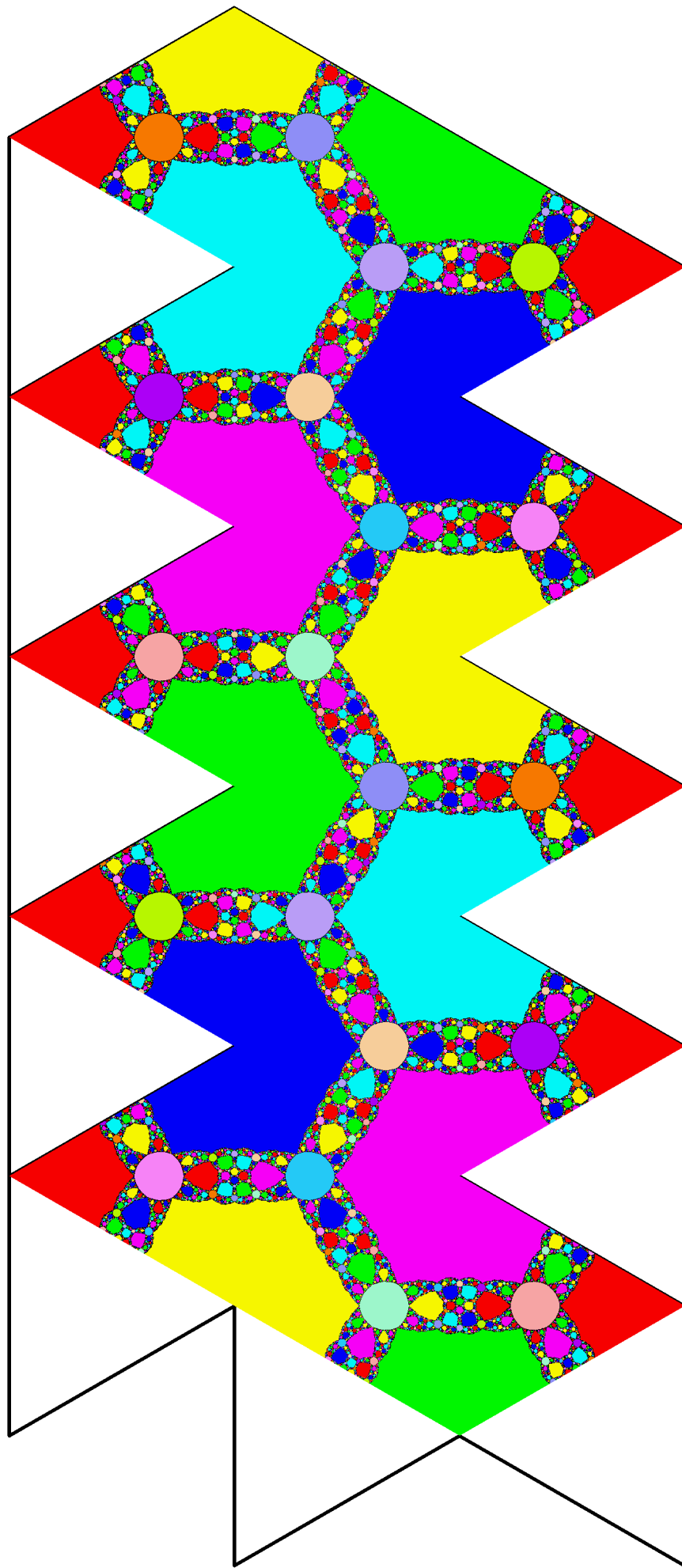


Figure 13: A pattern for an icosahedron decorated with the Julia set of the rational map
$$z \mapsto z \frac{87z^{25} - 3335z^{20} - 6670z^{10} - 435z^5 + 1}{-z^30 - 435z^{25} + 6670z^{20} + 3335z^{10} + 87z^5}.$$