Quaternion Julia fractals
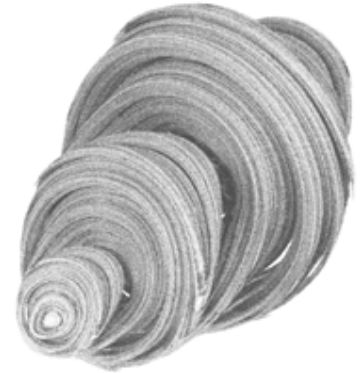
$$z_{n+1} = z_n^2 + c$$

c = (-1,0.2,0,0)
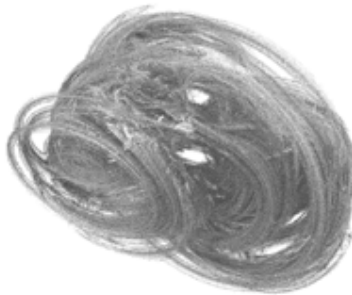
c = (-0.291,-0.399,0.339,0.437)

c = (-0.2,0.6,0.2,0.2)

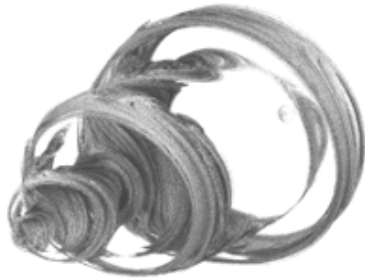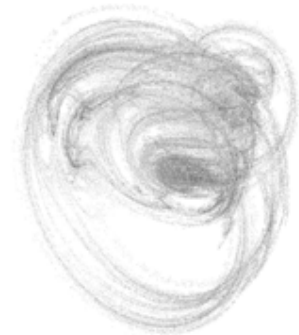*c = (-0.2,0.8,0,0)*

c = (-0.291,-0.399,0.339,0.437)

c = (-0.213,-0.0410,-0.563,-0.560)

c = (-0.162,0.163,0.560,-0.599)

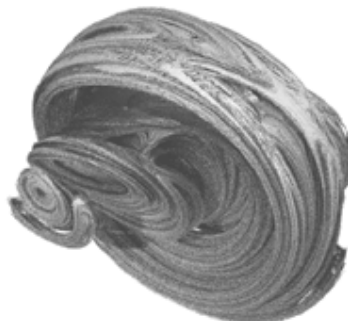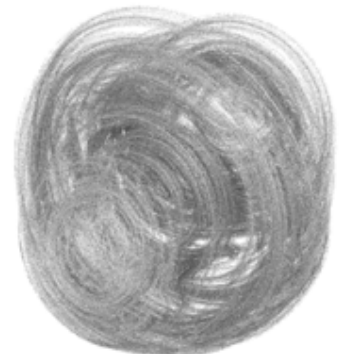*c = (-0.137,-0.630,-0.475,-0.046)*

c = (-0.445,0.339,-0.0889,-0.562)

c = (-0.125,-0.256,0.847,0.0895)

c = (-0.450,-0.447,0.181,0.306)

c = (0.185,0.478,0.125,-0.392)