## Parameter Plane:

iterate z^2+c until z escapes.
iterate z^3+c until z escapes.
…

par set z to 0.62996 + 1.0911i. iterate c^2*z^2/(z^3-1) until z stops.
par set z to 0.62996 + 1.0911i. iterate c^2*z^3/(z^4-1) until z stops.
…

## Dynamical Plane:

*Any click on parameter plane*

### Newtons Method

iterate z - (z^3 - 1) / (3 * z^2) until z stops.
iterate z - (z^4 - 1) / (4 * z^3) until z stops.
…
iterate z -.5*((z^3 - 1) / (3 * z^2)) until z stops.

iterate z - ((z^3-2*z+2)/(3*z^2-z)) until z stops.
iterate z - ((z^4-2*z+2)/(4*z^3-z)) until z stops.
…

iterate z - ((z^6+z^3-1)/(6*z^5+3*z^2)) until z stops.
iterate z - ((z^5+z^3-1)/(5*z^4+3*z^2)) until z stops.
…

set a to -1/2 + c. set b to -1/2 -c. iterate z - (z-1)*(z-a)*(z-b) / ((z-a)*(z-b) + (z-1)*(z-b) + (z-1)*(z-a)) until z stops.

iterate z - (sin(z)/cos(z)) until z stops.

## Orbits:

*Any click on dynamical plane*