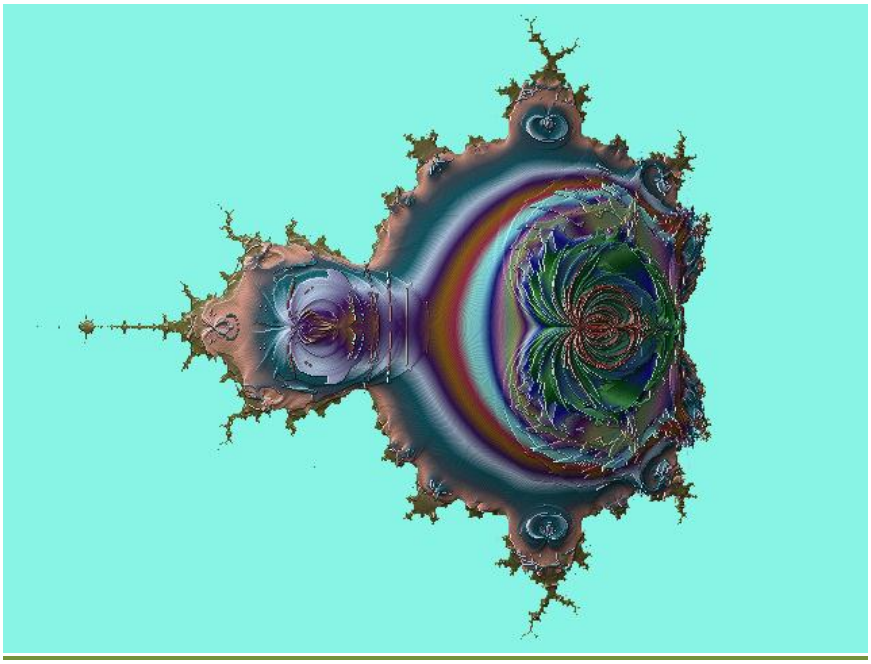
Mandelbulb/Juliabulb/Juliusbulb

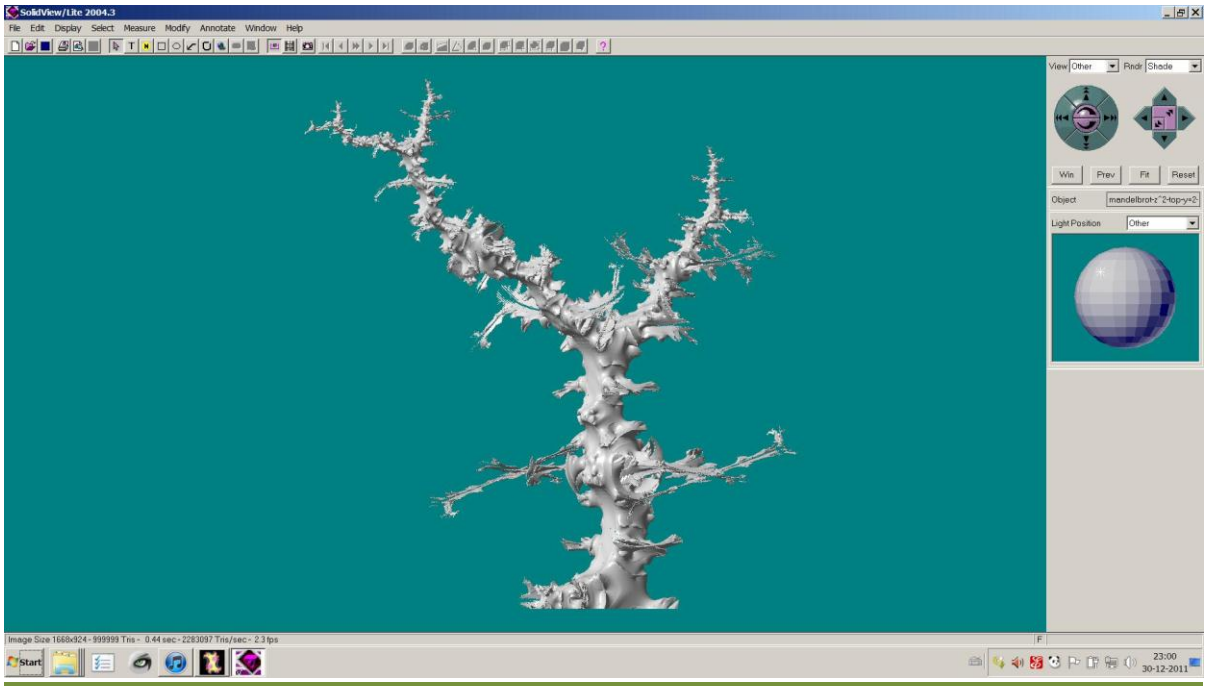
Fractal gallery

3D-image of original Mandelbrot set for z(n+1)=z(n)^2 + c

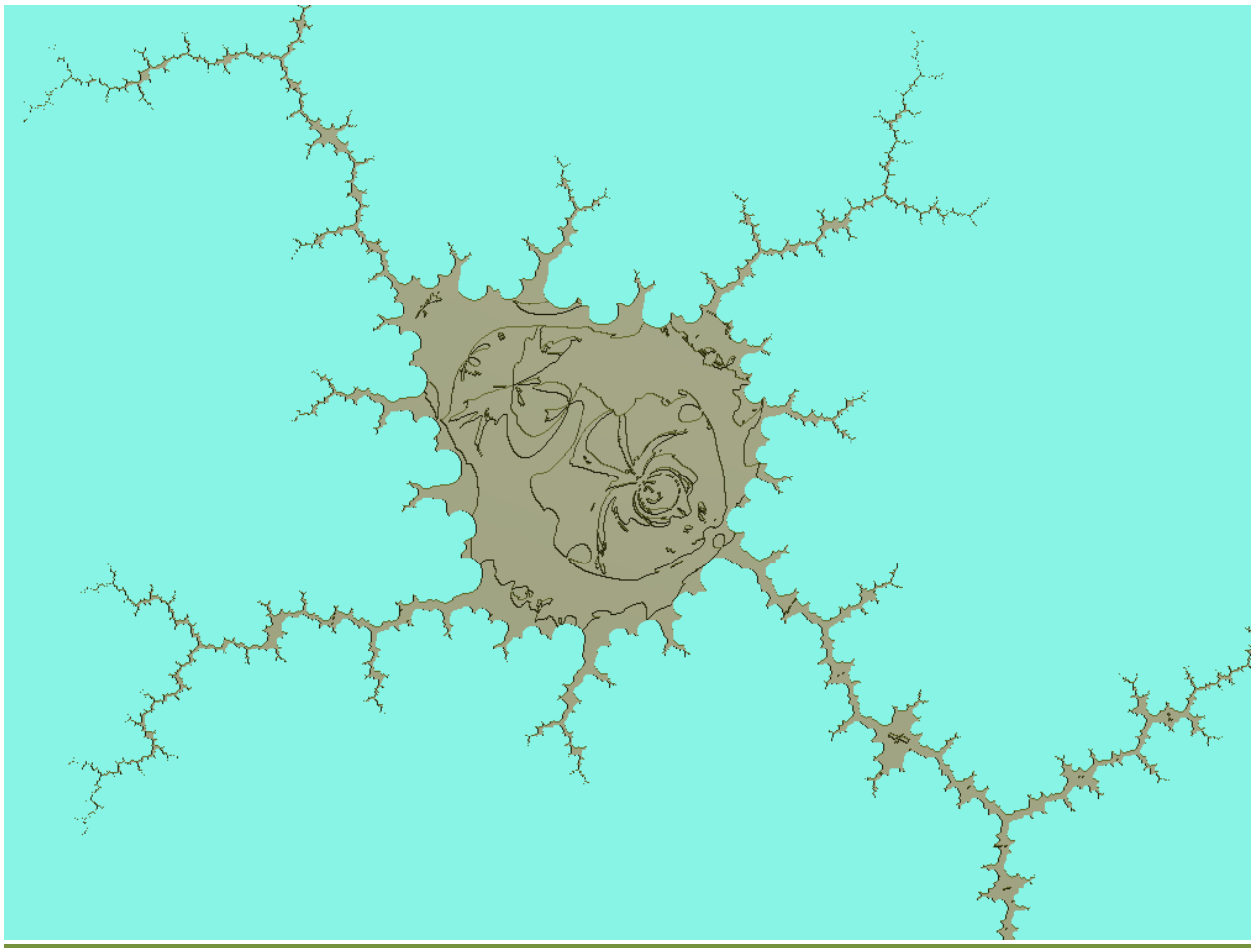
Made with Fractal Imaginator (FI) by Terry Gintz and Jules Ruis



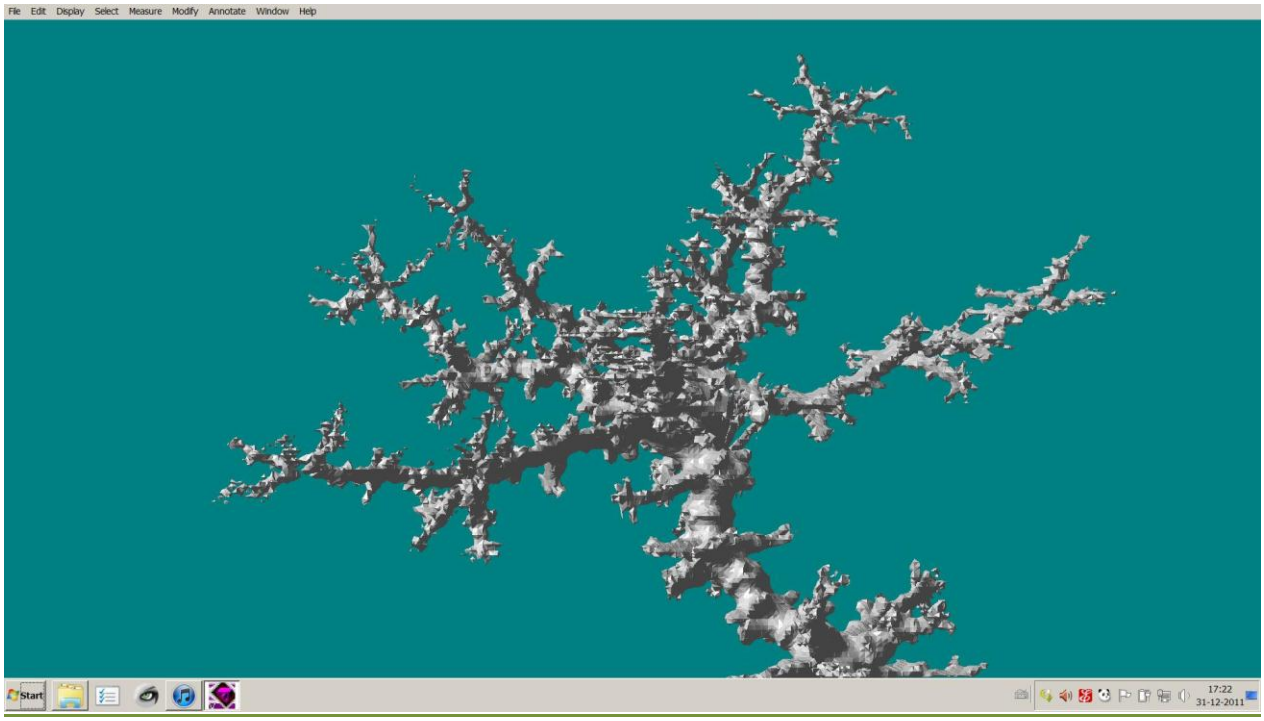
Juliusbulb z(n+1)=z(n)^2 + c (top of Mandelbulb zoomed-in)



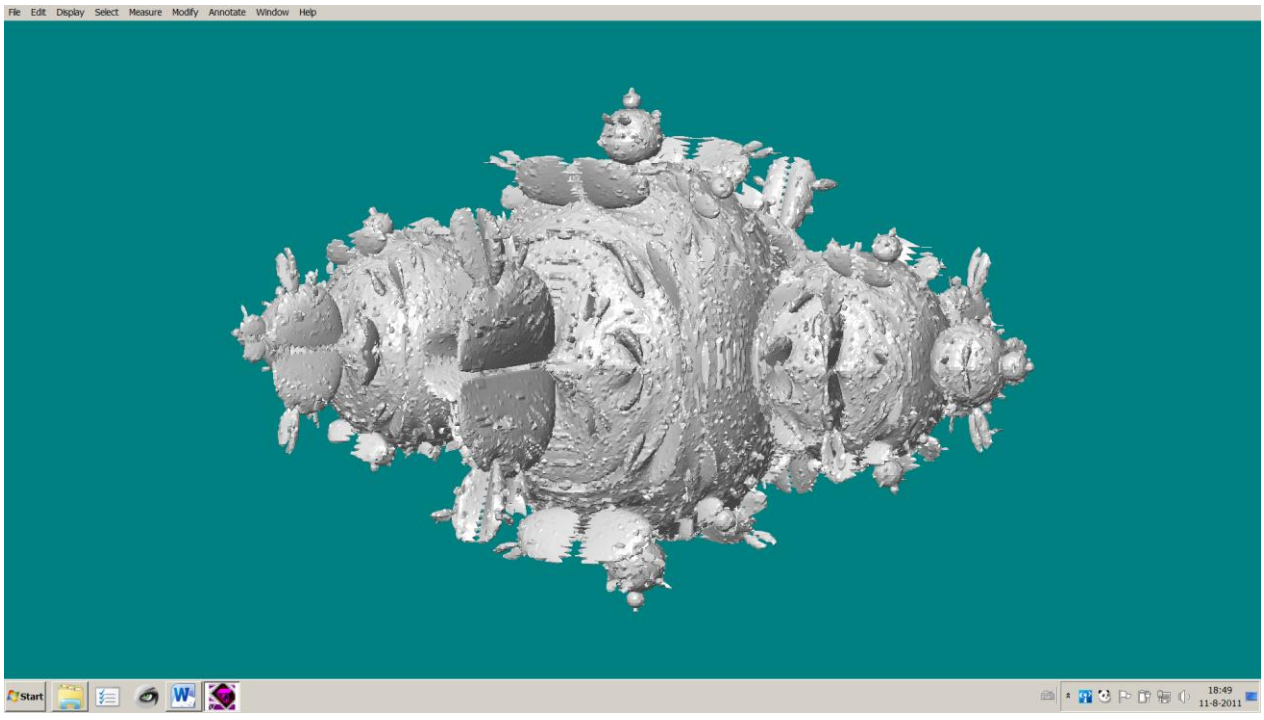
Juliusbulb z(n+1)=z(n)^2 + c (top of Mandelbulb zoomed-in)



Juliusbulb z(n+1)=z(n)^3 + c (top of Mandelbulb zoomed-in)



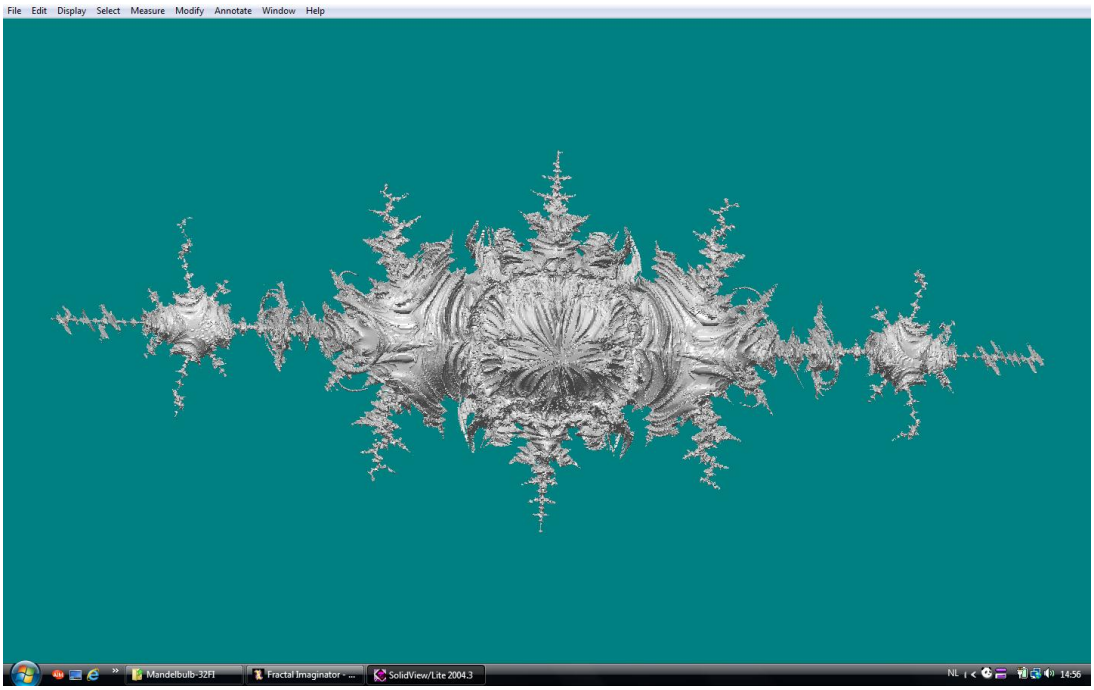
3D-image of original Julia set (Juliabulb) for z(n+1)=z(n)^2 + c (c=-0.77)



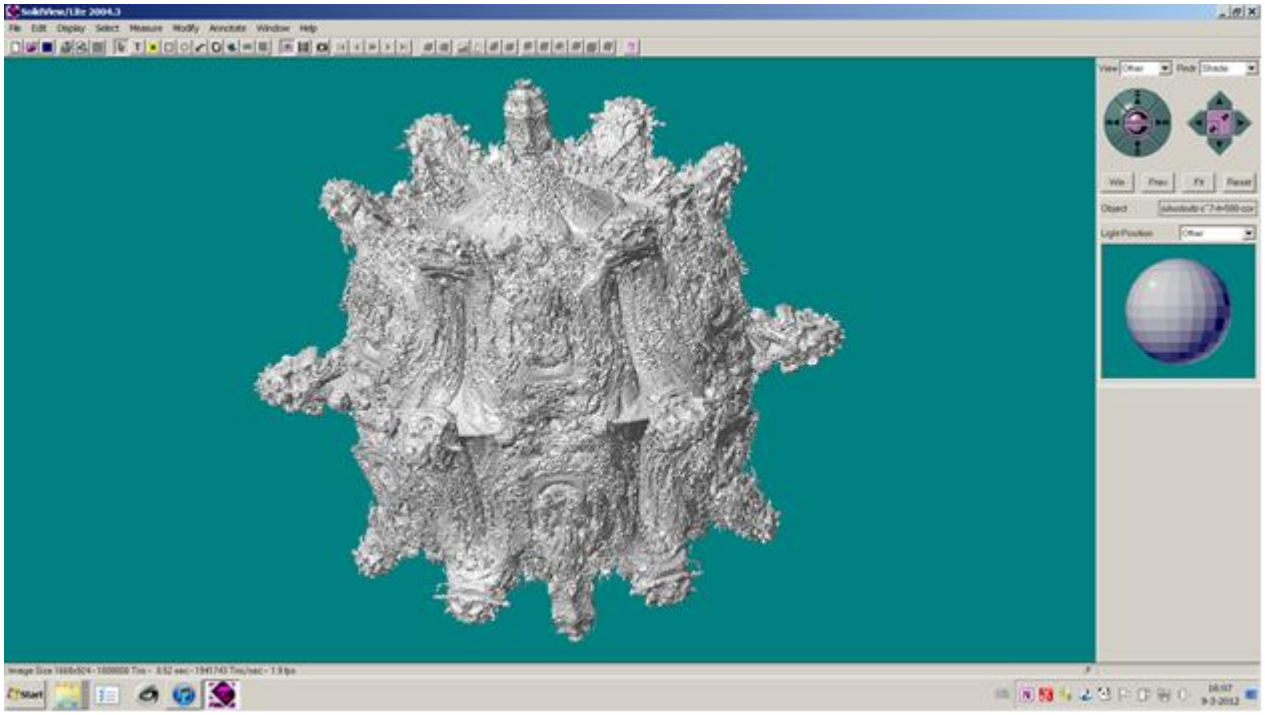
3D-image of original Julia set (Juliabulb) for z(n+1)=z(n)^2 + c (c=0.25)

3D-image of Juliusbulb set for z(n+1) = c * sinz(n)

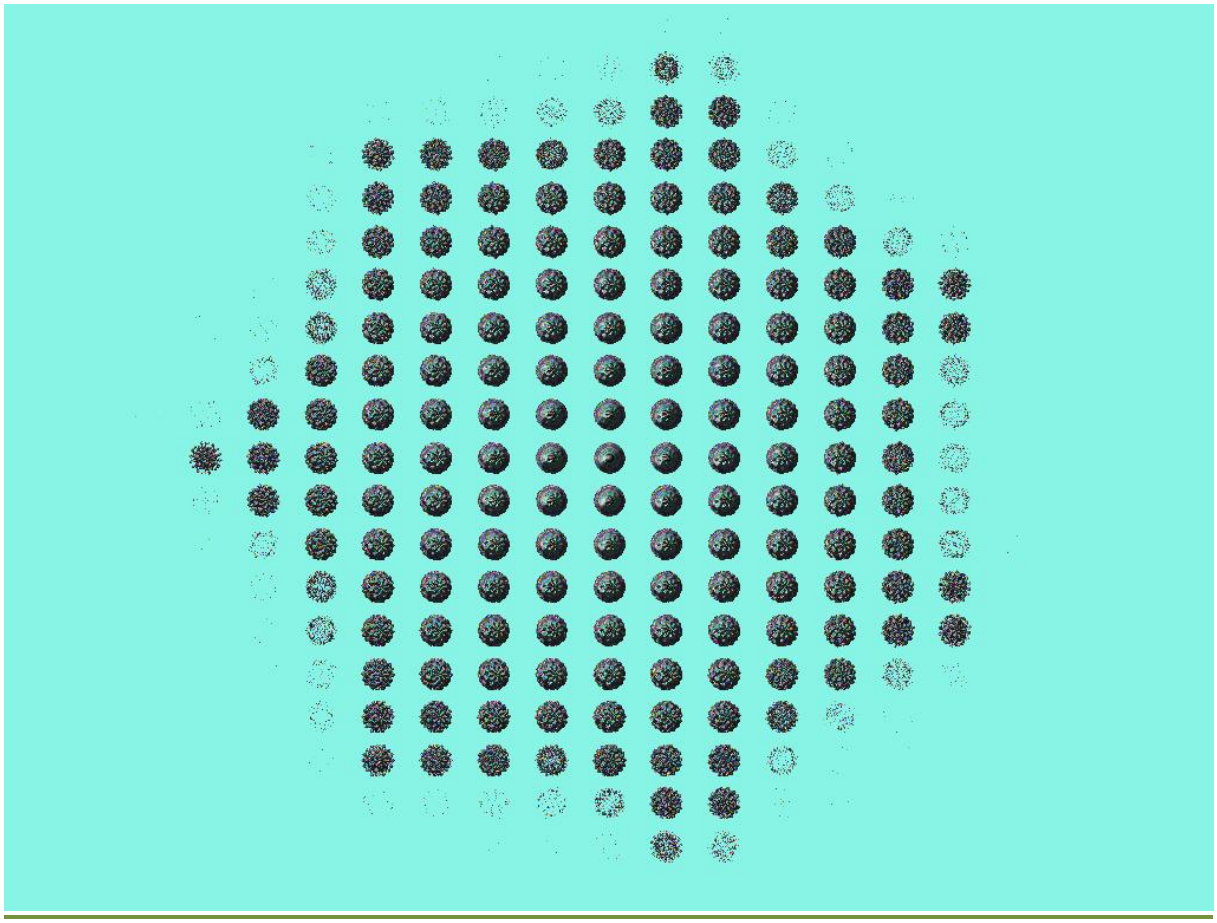
Made with Fractal Imaginator (FI) by Terry Gintz and Jules Ruis



3D Juliusbulb set for z(n+1)=z(n)^7 + c for c=0



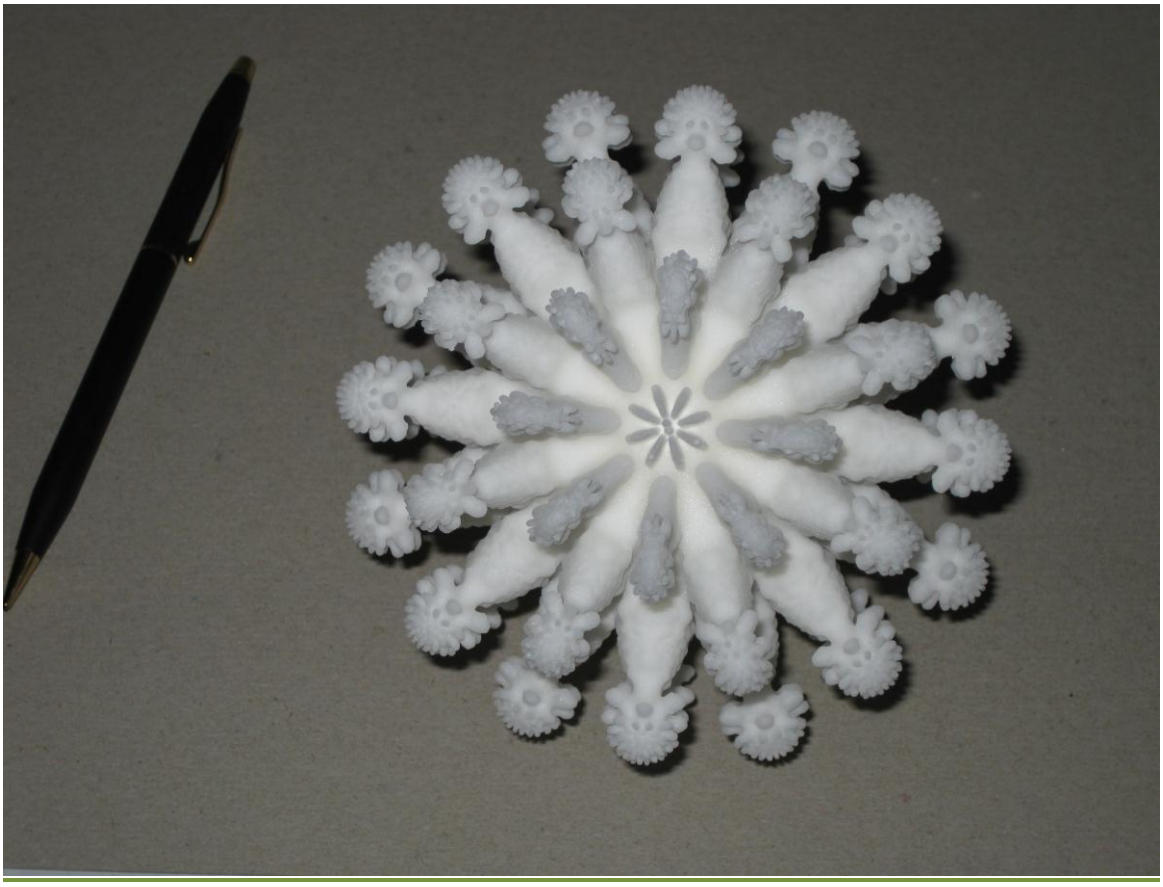
3D JuliusRuisbulb set for z(n+1)=z(n)^8 + c



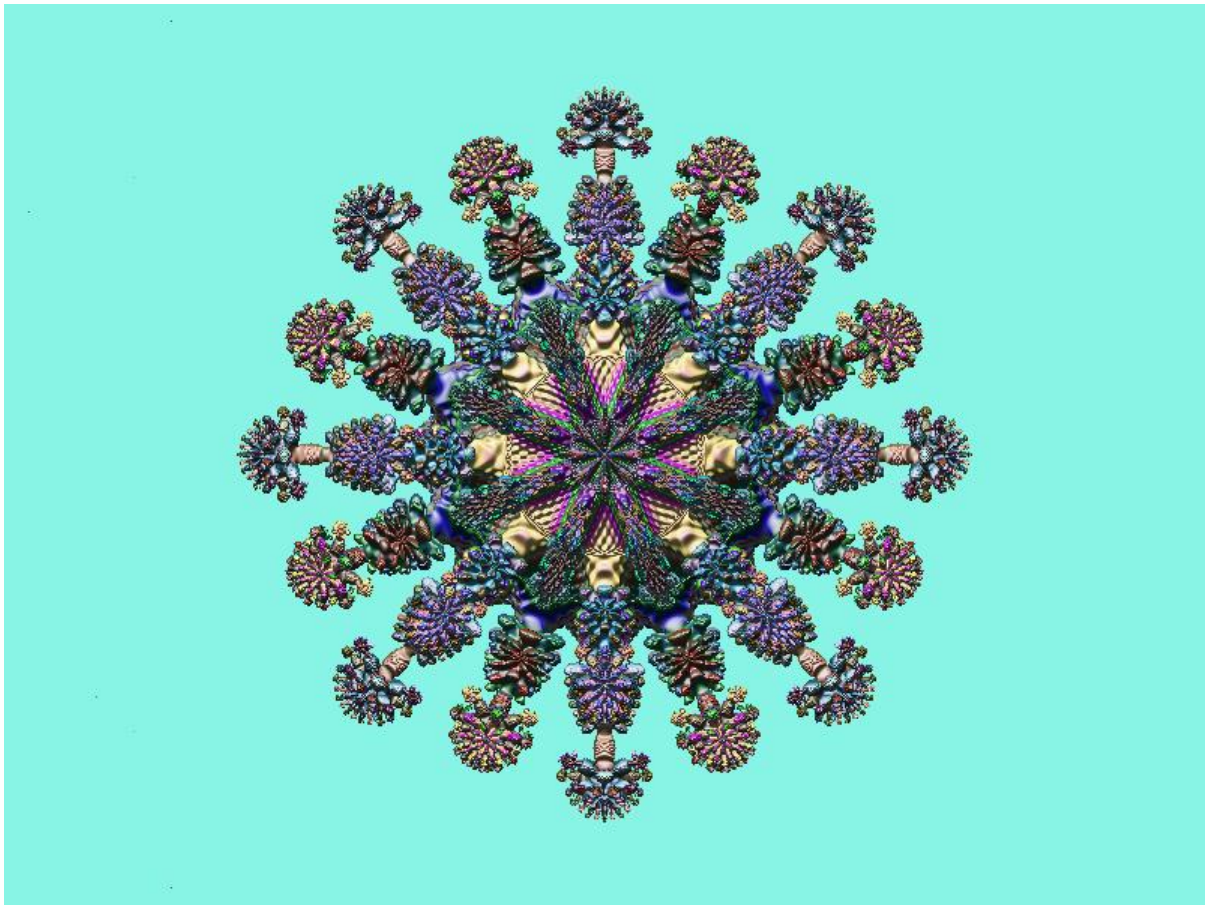
3D Juliabulb set for z(n+1) = z(n)^8 + c for c=-1.1

Real 3D Fractal produced by Shapeways

Real 3D Juliabulb Fractal set for z(n+1) = z(n)^8 + c for c=-1.1



3D Juliabulb set for z(n+1) = z(n)^8 + c for c=-1.1

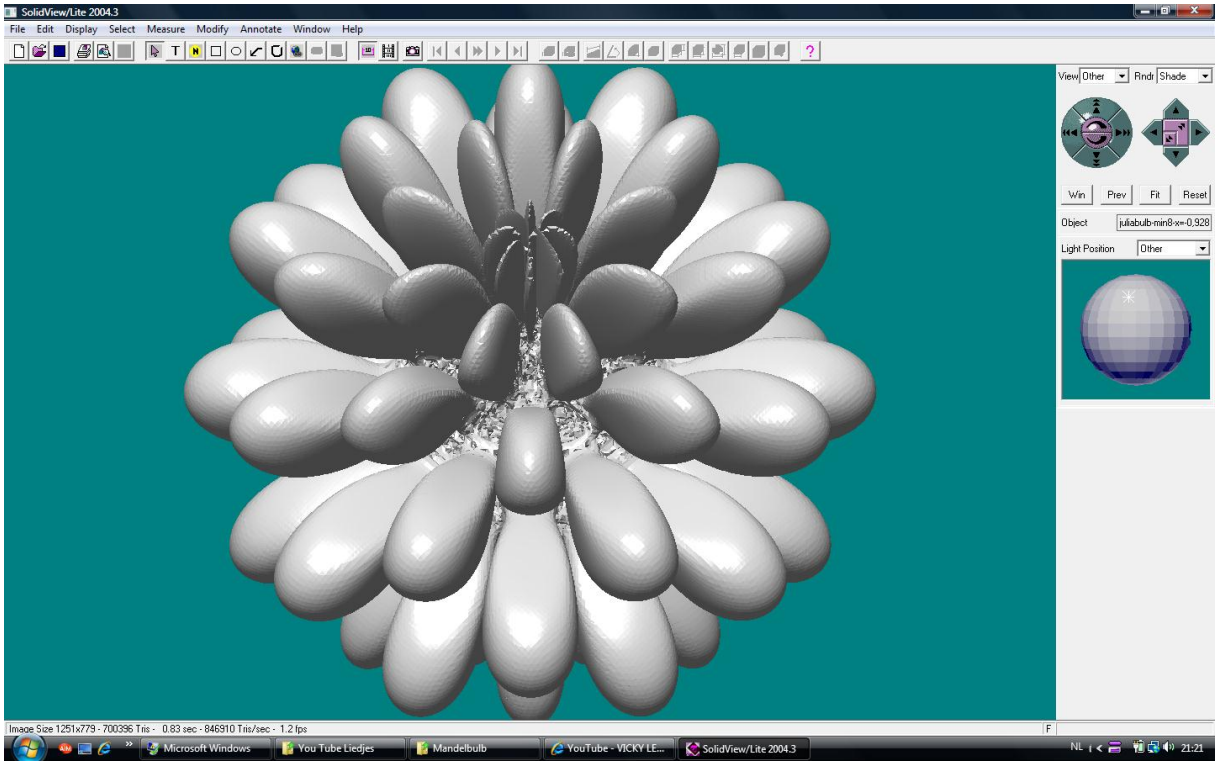


3D Juliabulb set for z(n+1) = z(n)^8 + c for c=-1.1 zoom-1

3D Juliabulb set for z(n+1) = z(n)^-8 + c for c=-1

Sub-objects with fractal dimensions:

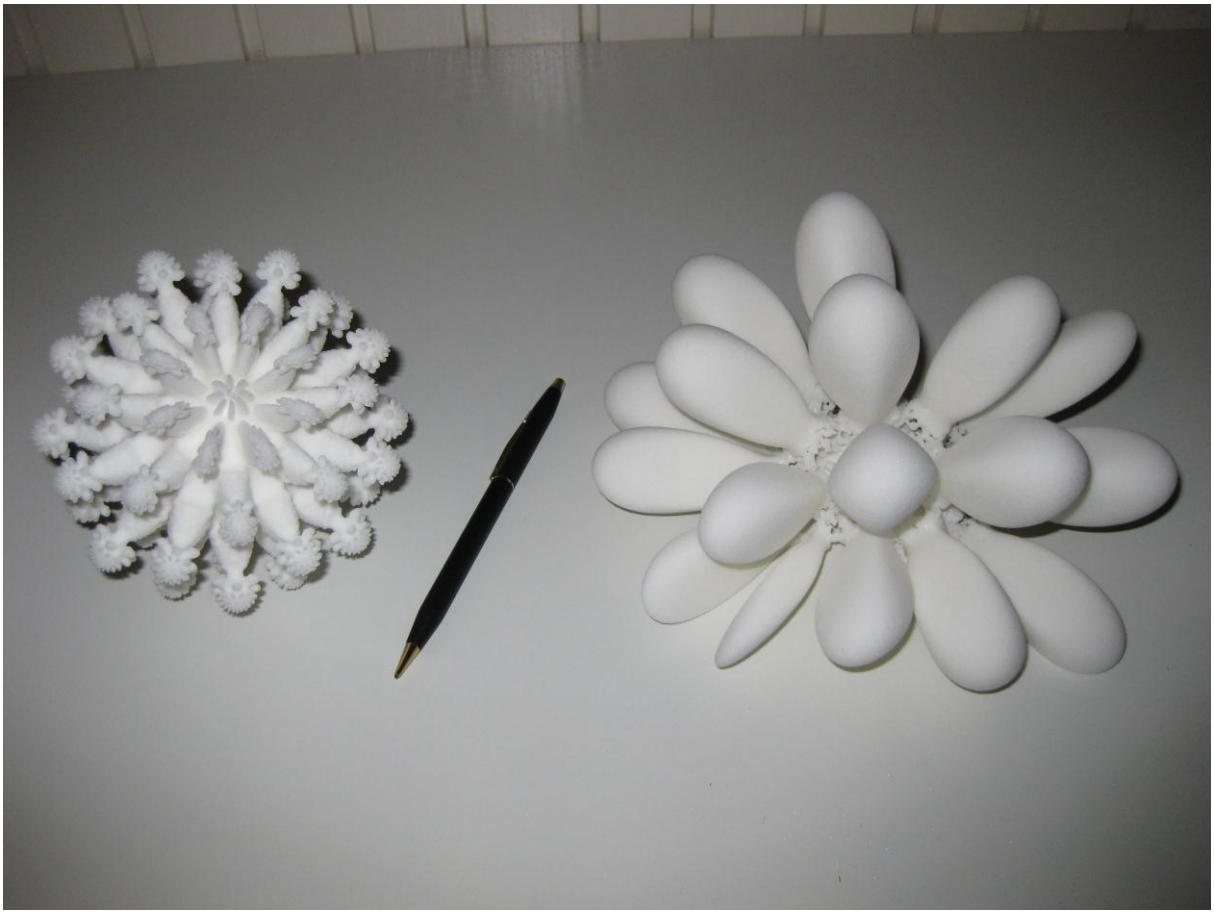
from 3-dimensional bulbs to 2-dimensional flat slices



Real produced 3D Juliabulb set for z(n+1) = z(n)^-8 + c for c=-1

Real 3D Juliabulb set z(n+1) = z(n)^8 + c for c=-1.1 (left)

and z(n+1) = z(n)^-8 + c for c=-1 (right)



Fractal gallery

For animations of sliced 3d Mandelbulb/Juliabulbs see You Tube:

http://www.youtube.com/julesruis?gl=GB&hl=en-GB