

The effects of variations and Plugins in Apophysis 3D Hack

This is a tutorial to show you the effects of variations and plugins in Apophysis 3D Hack.

Step 1
Open up Editor (F4) and click on New blank flame.



Step 2
Now it's time to add in the transforms and to do this, click on the green plus sign with the triangle (next to the new blank flame button) to add a new triangle.

Step 3
On transform 1 change Linear to 0
Set Pre_blur: 1
Julia3D: 1

Feel free to change the color of the it and to change the Pitch so you can see the 3Dness!! I do my Pitch at 60.

Step 4
Add transform
On Transform 2 change Linear to 0
Bubble: 0.5

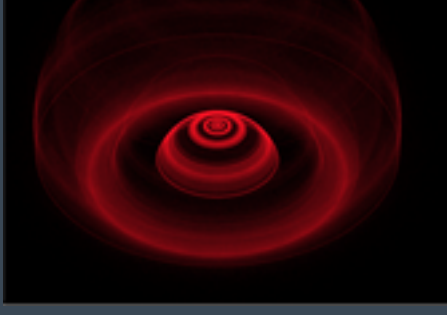
You should now have something that looks like this



Step 5
Add transform
On Transform 3 change Linear to 0
Julia3D: 1
On the Variables tab, change Julia3D to: -2

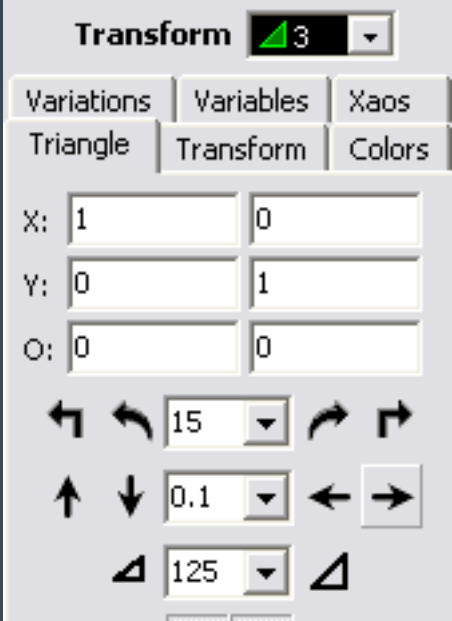
julian_power	2
julian_dist	1
juliascope_power	4
juliascope_dist	1
julia3D_power	-2
julia3Dz_power	-3

You should now have something that looks like this

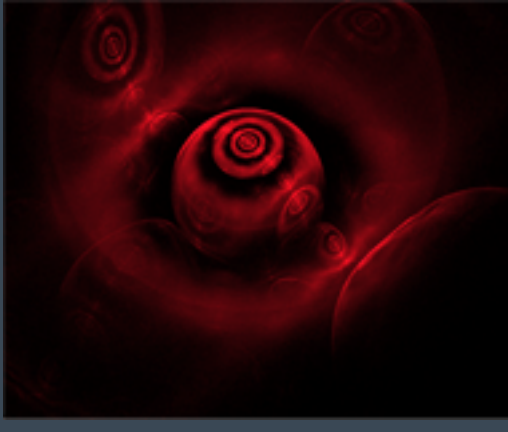


Step 6
Now its time to move things around, go to the Triangle tab for transform 3 and do the following:

Click the **Right Triangle** 6 times
Click the small Triangle 2 times



You will now have this



Step 7

Now that you have made the basic Julian fractal, we will see what some of the plugins and other variations do to the fractal. I have chosen these variations and plugins to use as I enjoy experimenting with using them.

Bipolar

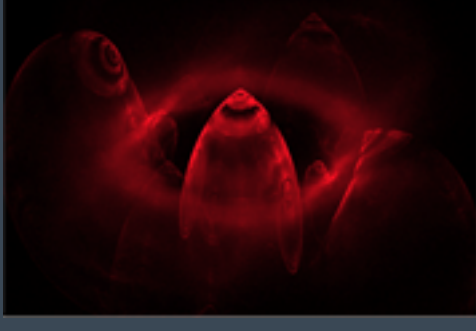
First we will start off with Bipolar. Go back to transform 2 and add 0.05 to Bipolar. As you will see this will create a split in the middle of the bubble.



The more value you add, the bigger the split will become. It's good to play around with and see what you can get.

Zcone

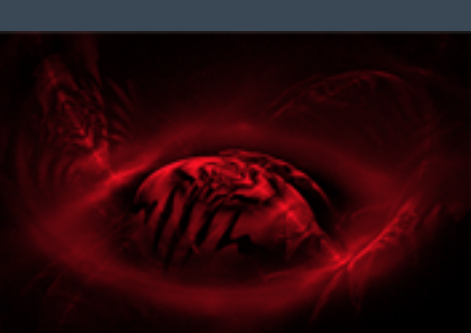
On transform 2, enter in this into zcone: -0.4. You will now have this result.



Zcone is used to create, well cones!! It's a great effect to use in 3D. If you do not have the minus in front, then the cone will go up.

Oscilloscope

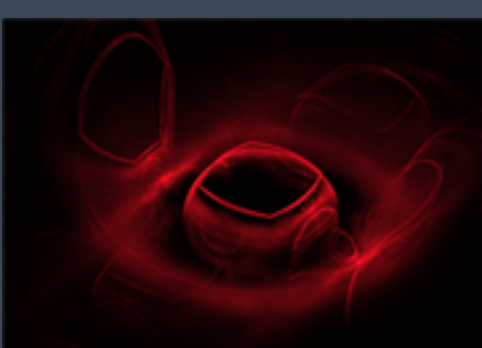
On transform 2 enter in 0.07 into Oscilloscope. To get the effect below, change the Variables of Oscilloscope.



Ngon

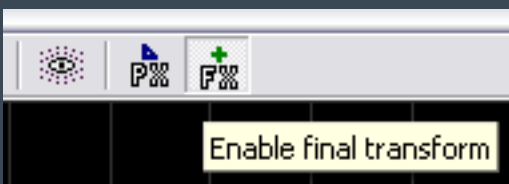
On transform 2 enter in 0.07 into Ngon. This creates a sort of pot-like effect . On the Variable tab for Ngon, try out :
ngon_sides: 10
ngon_power: 2
ngon_circle: 1
ngon_corners :10

Fun huh?!?



Final Transform

The final transform button is a brilliant thing! This can really make a fractal look different and it's always fun to play with. To enable the final transform click on the FX button show on the right.



This is add a white triangle, now its time to add effects! . On the variations tab enter in the following:

Linear: 0
Julia3D:1

On the variables tab enter this in:
Julia3D_power: 4

This will create a dome like effect. Changing the Julia3D_power can make a big difference to this, have a play around!.



Adding a final transform to any fractal will make a big different, experiment!

I hope you have learnt what some of the variations and plugins do. Below are what I have created from above.

