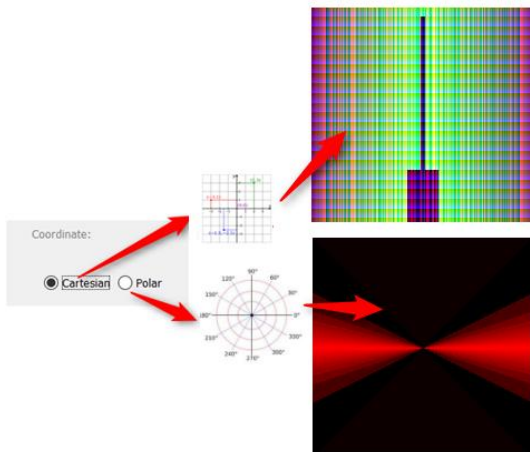


User Guide – Imogene Application

Settings

It is best to begin by customising the way you wish for the image to be generated.

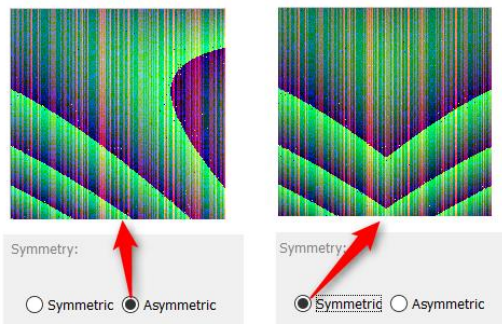
1. Choose a coordinate type, you may either select **Cartesian** or **Polar**.



Choosing **Cartesian** will mean that the images will be generated using a rectangular coordinate system.

Choosing **Polar** will mean that the images are generated using a spherical coordinate system.

2. Next choose the symmetry type, you may choose either **Symmetrical** or **Asymmetrical**.



Choosing **Symmetrical** will mean that both sides of the images are identical, whereas selecting **Asymmetrical** will result in the two sides of the images being different.

3. Next specify the size of the images to be generated. The default size you will note is 500 pixels in height and 500 pixels in width. Should you wish the images to be created in a different size, enter the respective height and width in the text boxes.

Dimension: Width x Height

<input type="text" value="500"/>	<input type="text" value="500"/>
----------------------------------	----------------------------------

4. Click the **Ok** button. You will notice that the changes have been reflected in the

input saved.Proceed with image generation

User Settings:
Coordinate: Cartesian
Symmetry: Asymmetric
ImageWidth: 500
ImageHeight: 500

information panel underneath. This acts as confirmation that the image will be generated with the settings you have specified.

NOTE*** Select the button **Set to Default** if you wish to restore the settings to the default values that the settings panel was populated with when you first opened the program.

Also, when you close the program, it will remember the settings that you have entered. The next time you open the program those same settings will be there.

Generating Images

1. Select either one or two images. You can select an image by left clicking on it, and you will know that it's been selected if a white line appears around it.
2. Then click the **Generate** button

If you selected two images they will be the parents, and these two parent images will use their formulas to create children images. So the two selected images will stay as they are, and after **Generate** is pressed, the other two images will be replaced with the children images (see image 1.0 below).

If you only selected one image, this parent image will remain and three children images will be generated (see image 2.0 below).

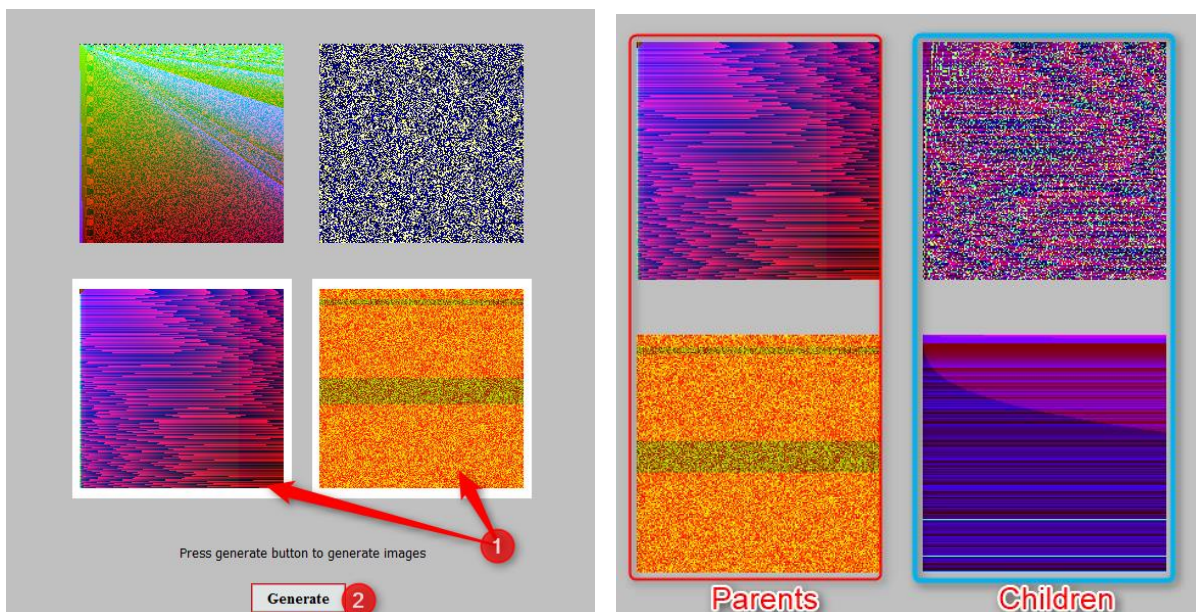


Image 1.0 – two images selected (above)

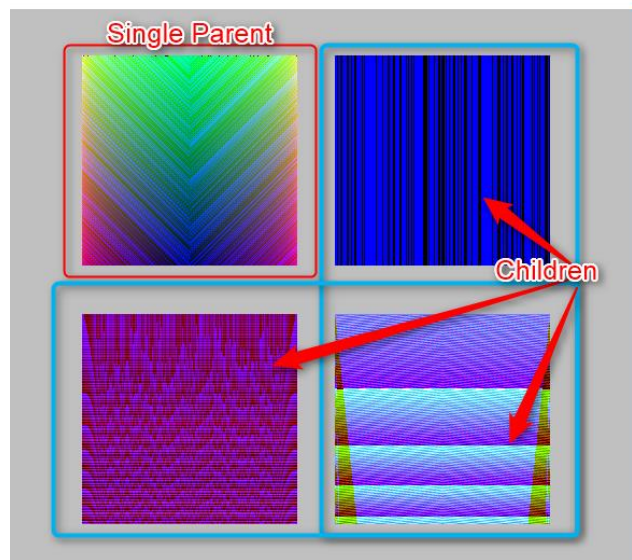
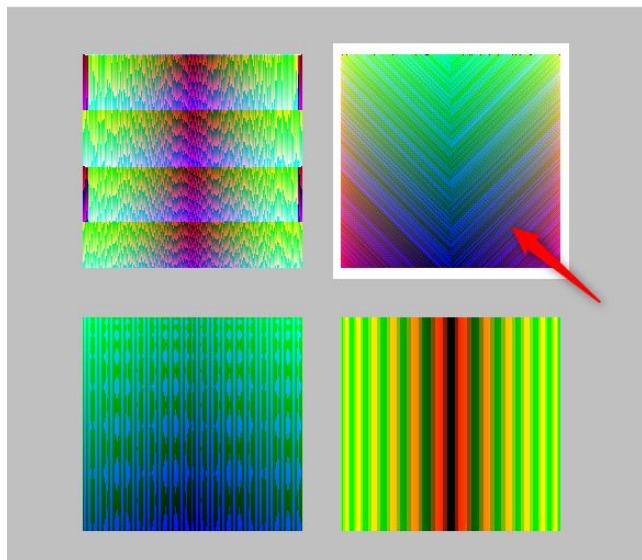
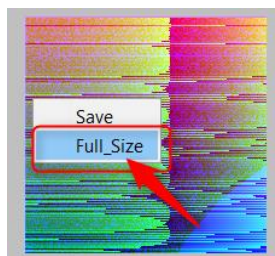


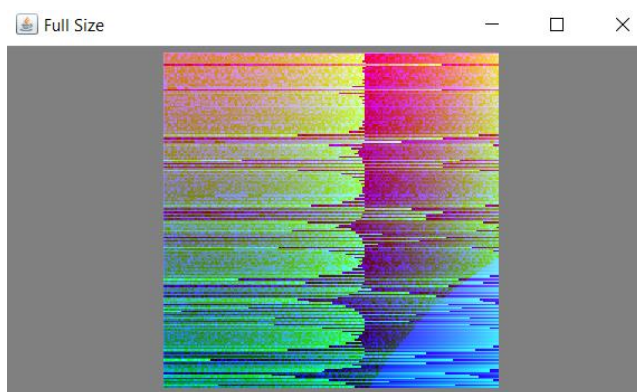
Image 2.0 – two images selected (above)

View Full Size Image

1. Right click on the image

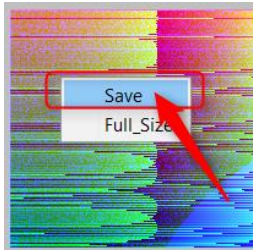


2. Select **Full Size**
3. The image will display at the size



Saving the Images

1. Right click on the image



2. Select **Save Image**
3. Enter a filename and press **Save**

File name:	<input type="text" value="myfavouritepicture"/>	<input type="button" value="Save"/>
Files of type:	<input type="text" value="Portable Network Graphics (*.png)"/>	<input type="button" value="Cancel"/>