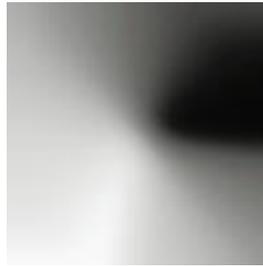


Kai's Power Tips #7d

Displace Filter Examples KPT Displace.Schizophrenia

Note: For an overview of the Displace Filter, please refer back to chapter 7.

Figure 1a)



The horizontal offset is controlled by channel #1

The white areas mean maximum horizontal movement to the left, black areas force to the right, effectively tearing the image apart left right...

Figure 1b)



The vertical offset is controlled by channel

The Black area on top will pinch downwards, the white area upwards squeezing in a diagonal bow tie as seen below:

Figure 2a)

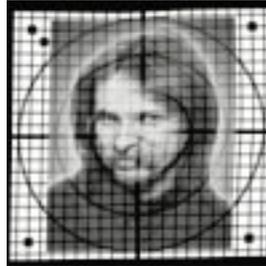


Figure 2b)

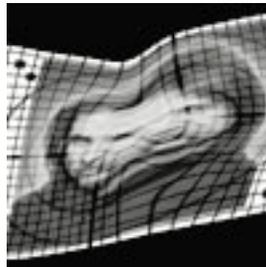
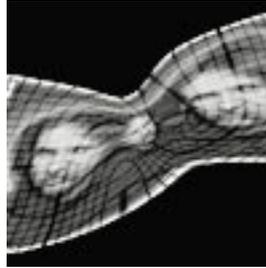
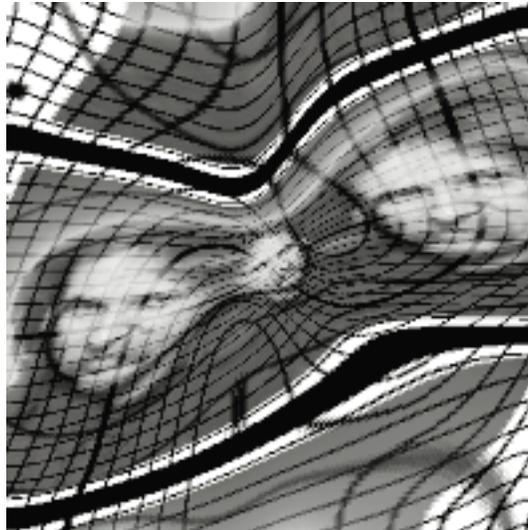


Figure 2c)



The effect is influenced greatly by the Scale settings in the Displace Dialog. With both horizontal and vertical set to 3/3 (fig 2a) the spatial distortion is minimal. The face shows subtle warps. At 33/33 (fig 2b) the schizoid double image is clearly visible. At 66/66 (fig 2c) they have separated into two halves. Notice the emergence of a third small image in the center, rotated about 40 degrees ccw....

Figure 3)



At over 100 and with the “Wrap” option turned on, the complex spacewarp has gone to its extreme. The tiny center image stands on its own, next to all the edges coming together in a complete circle... Interesting.

Note: The image being displaced here is 200x200 pixels. If your image is larger you have to increase the Scale variables accordingly. Read the main Displace chapter for further details.

thanks, Kai Krause