

1.a.

ps0-1-a-1.png



ps0-1-a-2.png



2.a.

ps0-2-a-1.png



2.b.

ps0-2-b-1.png



2.c.

ps0-2-c-1.png



3.a.

ps0-3-a-1.png



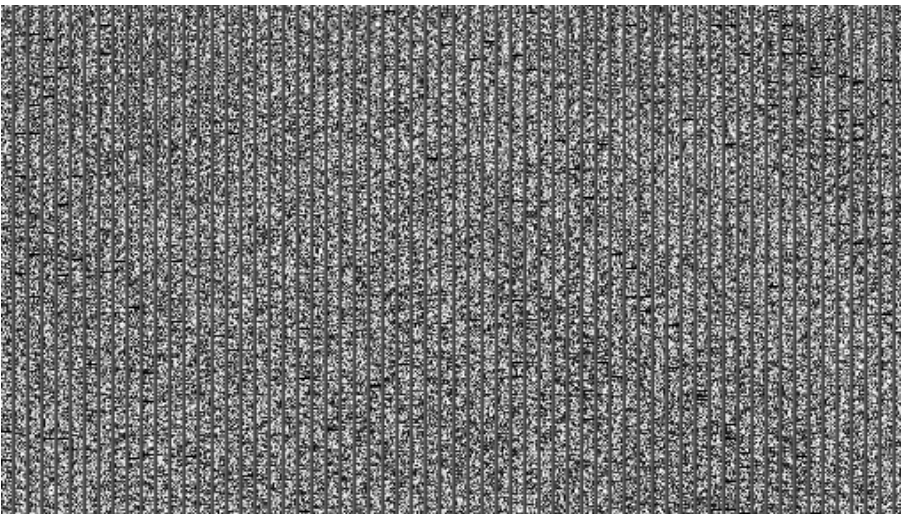
4.a. Max pixel value of img1 green is: 255

Mean pixel value of img1 green is: 116.68169487847223

Std value of img1 green is: 46.1883770060865

4.b.

ps0-4-b-1.png



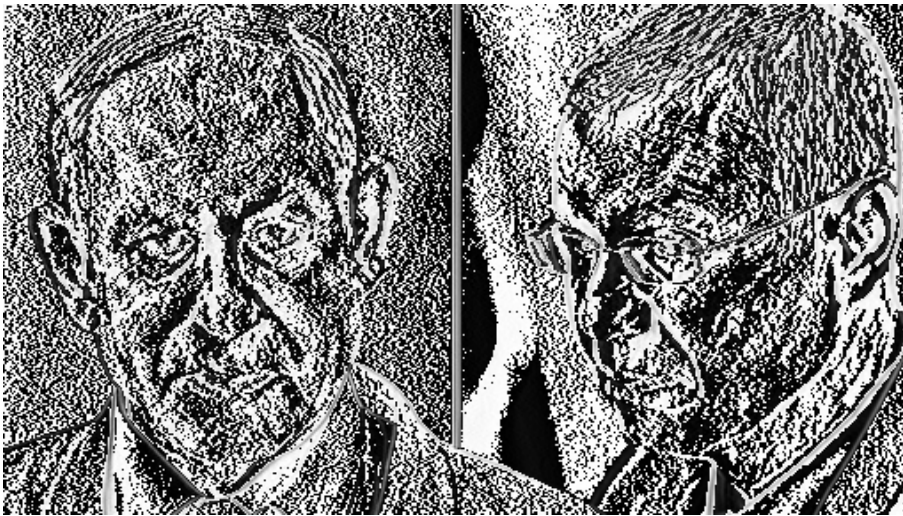
4.c.

ps0-4-c-1.png



4.d.

ps0-4-d-1.png



Negative values become 0.

5.a.

ps0-5-a-1.png



I had to use $\sigma=25$

5.b.

ps0-5-b-1.png



5.c. The human eye is less sensitive to changes in the blue channel.