report.md 10/26/2020

Report Assignment 1

1. In the first convolution, in the first 1D Gaussian filter it applies it first on \$x\$ direction and then on the \$y\$ direction. That double operation is equivalent to a 2D Gaussian filter. With that filter combination gives us the possibility to apply a smooth on image. Hence in our example we get a smoothed white point which reflects the bell-shaped fuction viewed from above.