In-class

11/09

①   a) fake image

     b) stream of Actual images

② Descriminator Output

     A scalar between 0 and 1 to indicate the likelihood of a given input x being authentic

③ Input to Generator -

     Input of random noise z

④ Output of Generator -

     An image generated using noise z, a fake image

⑤   Output of $D(G(z))$ -

     Descriminator output for generated fake data $G(z)$

⑥ Value of Convolution cell $= 0$

⑦ a) max pooling value of $\begin{bmatrix} 5 & 6 \\ 8 & 9 \end{bmatrix}$

= 9

b) Average pooling value of $\begin{bmatrix} 5 & 6 \\ 8 & 9 \end{bmatrix}$

= (5+6+8+9)/4 = 7

⑧   Relu (-1.1) = 0

Relu (0) = 0

Relu (6.4) = 6.4