$$\alpha = \frac{3^3*input_channel*output_channel}{3^2*input_channel + 3*output_channel}$$

$$\beta = output_channel$$

$$\gamma = \begin{cases} 1 & \text{if } input_channel = output_channel} \\ 2 & \text{if } input_channel \neq output_channel} \end{cases}$$