LMP1210 Oliver De Sa March 23rd, 2023 Assignment 3

Questions 1, 4, 5:

 $\underline{https://colab.research.google.com/drive/1qZ9FN860wBiQ6yoZeEZZGkoCy_xXI5Y_\#scrollTo=Gl_\underline{fbsAyjwaM-}$

Question 3: https://colab.research.google.com/drive/1jQ1VAprxBkahs-V56m-s6RKkGD2RmY8C

Question 2, 6: In PDFs Attached

$\frac{1}{2} \left\{ \frac{1}{2} \left(\frac{1}{2} \left$	A B C D A O O O O O O O O O O O O O O O O O O O
ngc x {da,c,da,c} = my {5,3} = 5 x {da,D,da,D} = mx {6,8} = 8 , {d,D,dc,D} = mx {5, {} = 8	A B C D A O B I O C S 3 O D G 8 4 O

(a)
$$\hat{W} = ((64 - 6 + 2(1))/2) + 1$$
 $I = J$ $\hat{W} = 31$
 $\hat{H} = ((32 - 6 + 2(1))/2) + 1$... Output Size = $31 \times 15 \times 12$
 $\hat{H} = 15$

b) # Paramours = (kerne heighthermal width in put channes + 1) auxput damals = $(3 \cdot 3 \cdot 5 + 1) \cdot 6$

Parameters = 276

c) $\hat{W} = ((128 - 8)/4) + 1$ $I = J$ $\hat{W} = 31$
 $\hat{H} = ((32 - 8)/4) + 1$... Output Size = $31 \times 7 \times 3$
 $\hat{H} = 7$