

P_1	P_2	P_3	P_4	P_5
P_6	P_7	P_8	P_9	P_{10}
P_{11}	P_{12}	P_{13}		

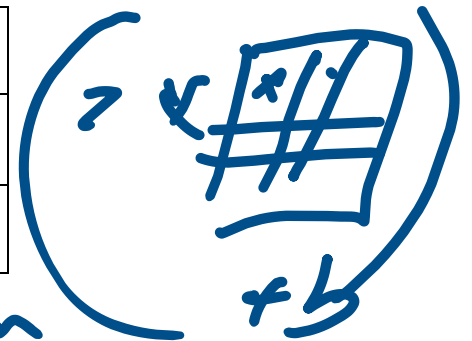
Values

w_1	w_2	w_3
w_4	w_5	w_6
w_7	w_8	w_9

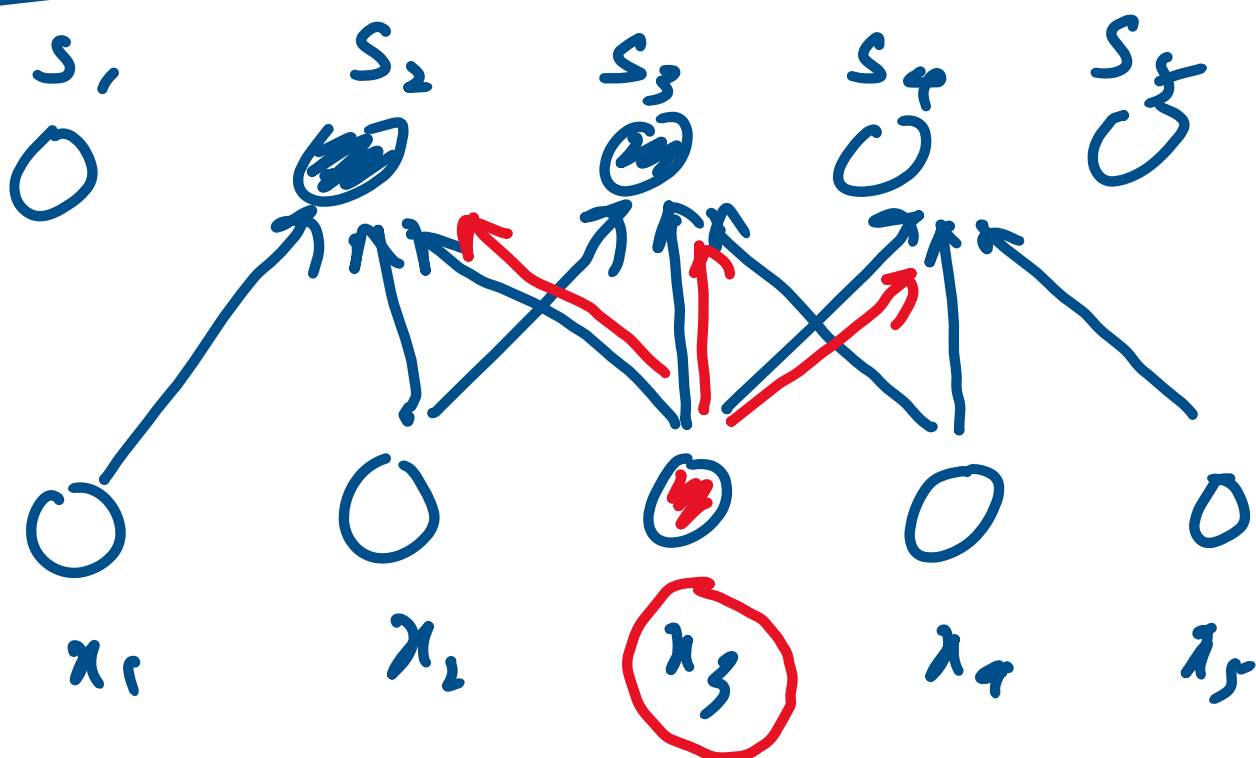
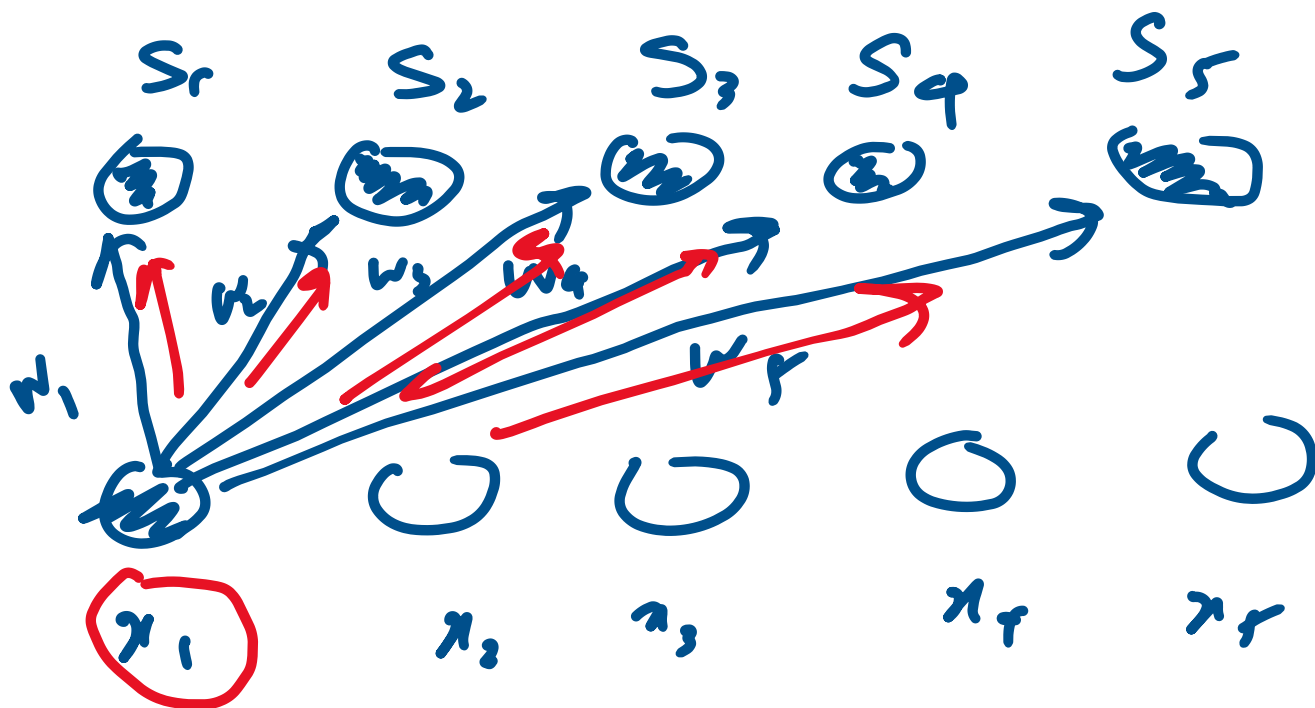
Stride: 1
padding: 0

$$P_1 \times w_1 + P_2 \times w_2 + P_3 \times w_3 + P_6 \times w_6 + \dots + P_{11} \times w_{11}$$

Like
Leaky
Relu



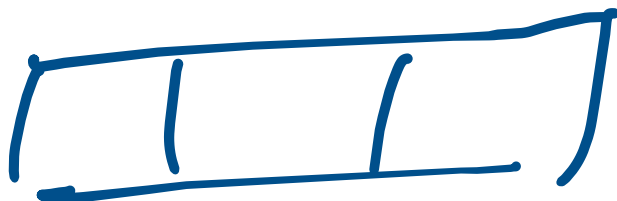
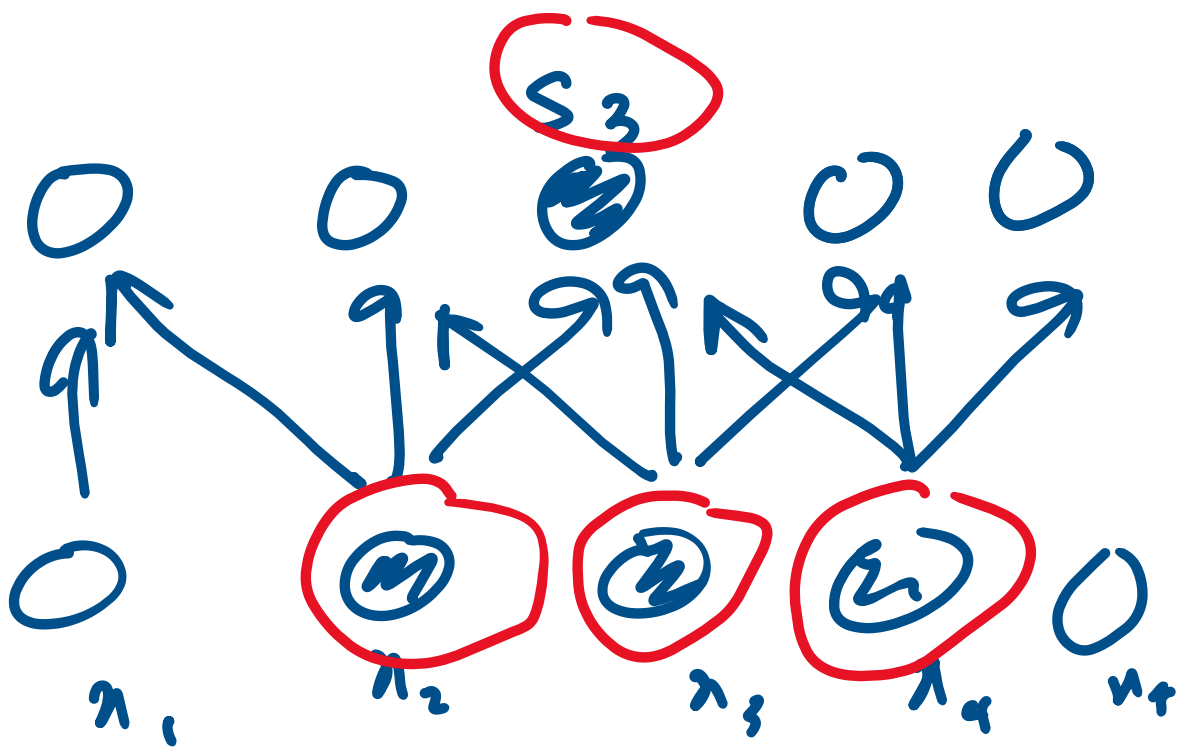
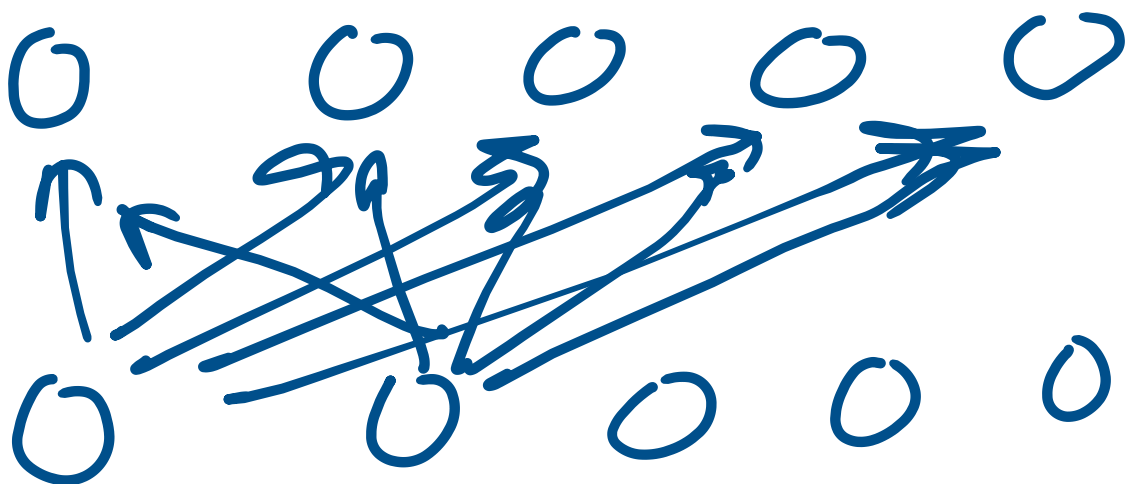
Stride: 2
padding: 0

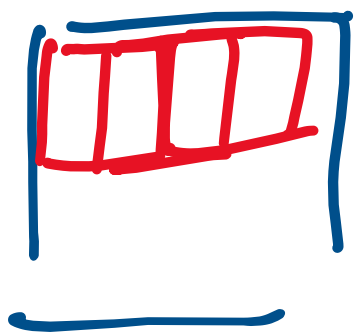


w_1	w_2	w_3	$\lambda_1 w_1 + \lambda_2 w_2 + \lambda_3 w_3$
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w_1	w_2	w_3
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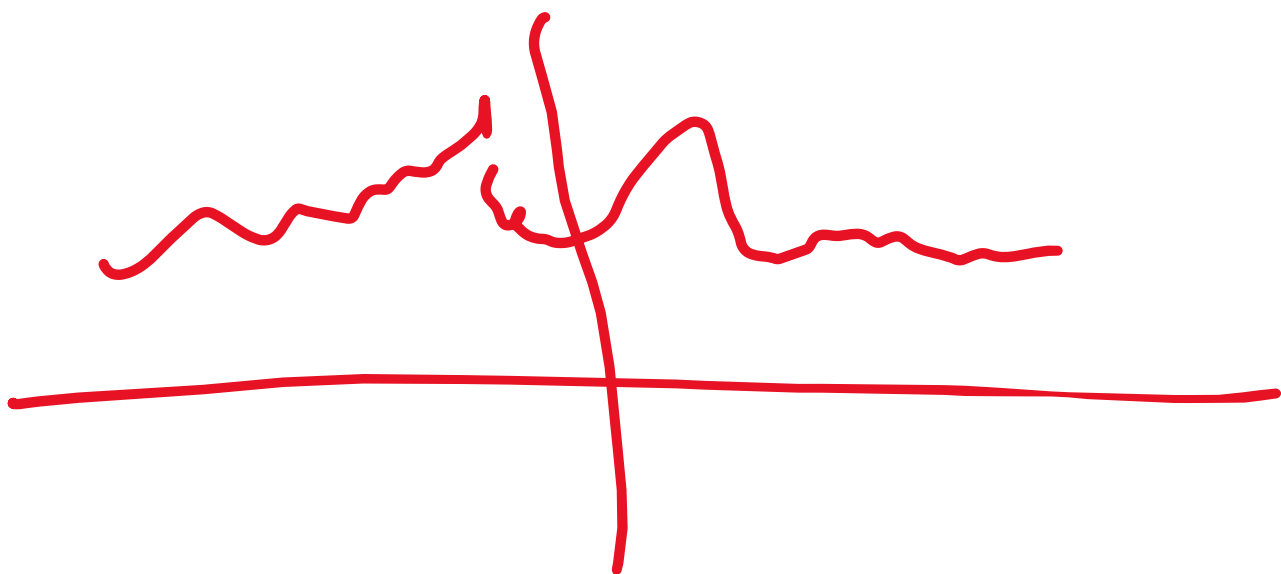
$$\lambda_1 w_1 + \lambda_2 w_2 + \lambda_3 w_3$$





2D

2D \rightarrow 1D \checkmark



0.1 0.2 0.3 0.9 1.2

w_1	w_2	w_3
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0.1

0.01

0.03

high

data

w_1	w_2	w_3
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w_1	w_2	w_3
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