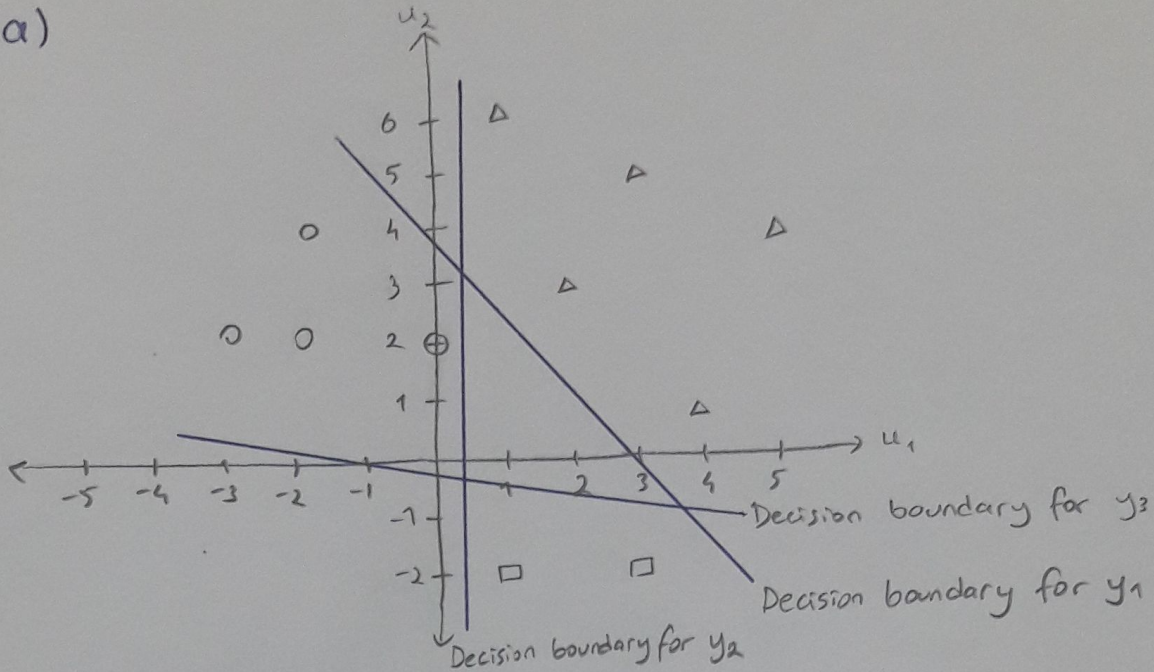


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② a)

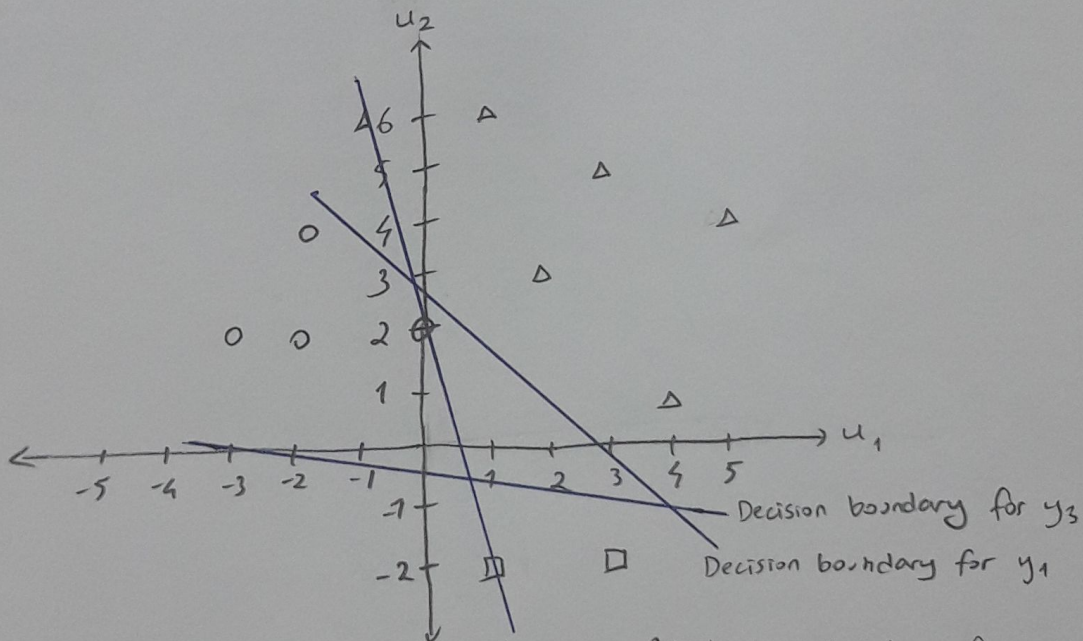
- $\Delta \in C_1$
- $\circ \in C_2$
- $\square \in C_3$



For all 3 outputs, an appropriate decision boundary can be found. Therefore, the net can learn to separate.

b)

- $\Delta \in C_1$
- $\circ \in C_2$
- $\square \in C_3$



For C_1 and C_3 , a successful model can be found; however, the net will have errors for C_2 .