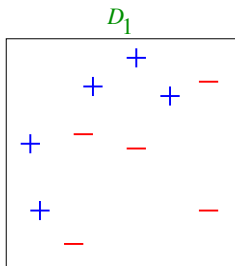
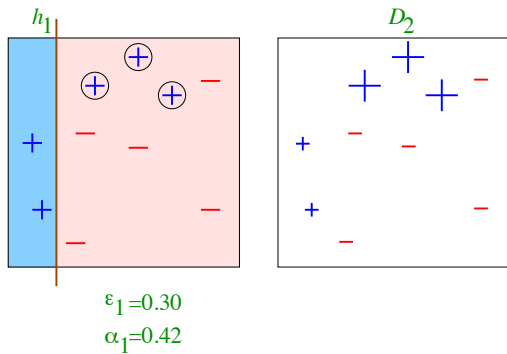


## Toy Example

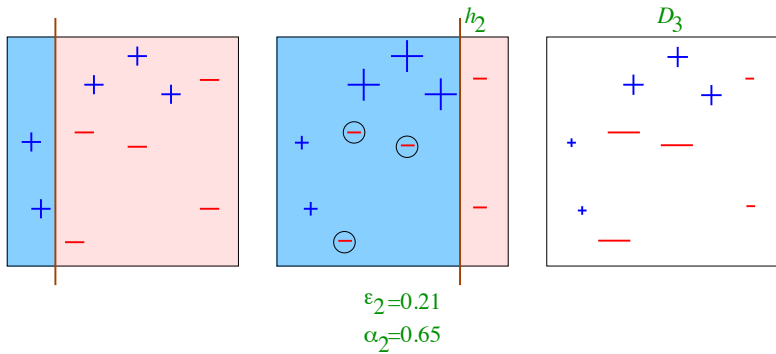


weak classifiers = vertical or horizontal half-planes

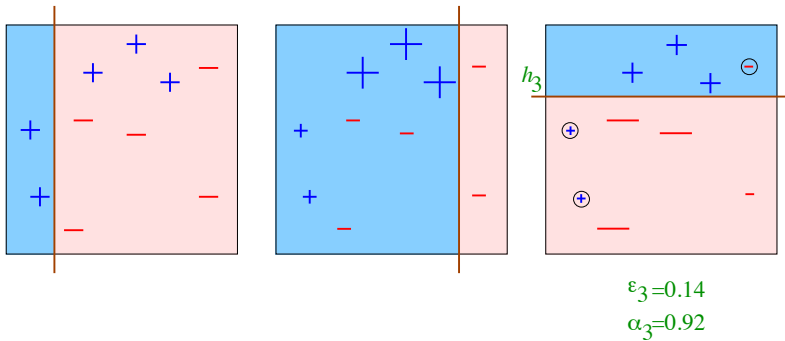
## Round 1



## Round 2



## Round 3



## Final Classifier

$$H_{\text{final}} = \text{sign} \left( 0.42 \begin{array}{|c|} \hline \text{blue} \\ \hline \end{array} + 0.65 \begin{array}{|c|} \hline \text{blue} \\ \hline \end{array} + 0.92 \begin{array}{|c|} \hline \text{blue} \\ \hline \end{array} \right)$$

$$=$$