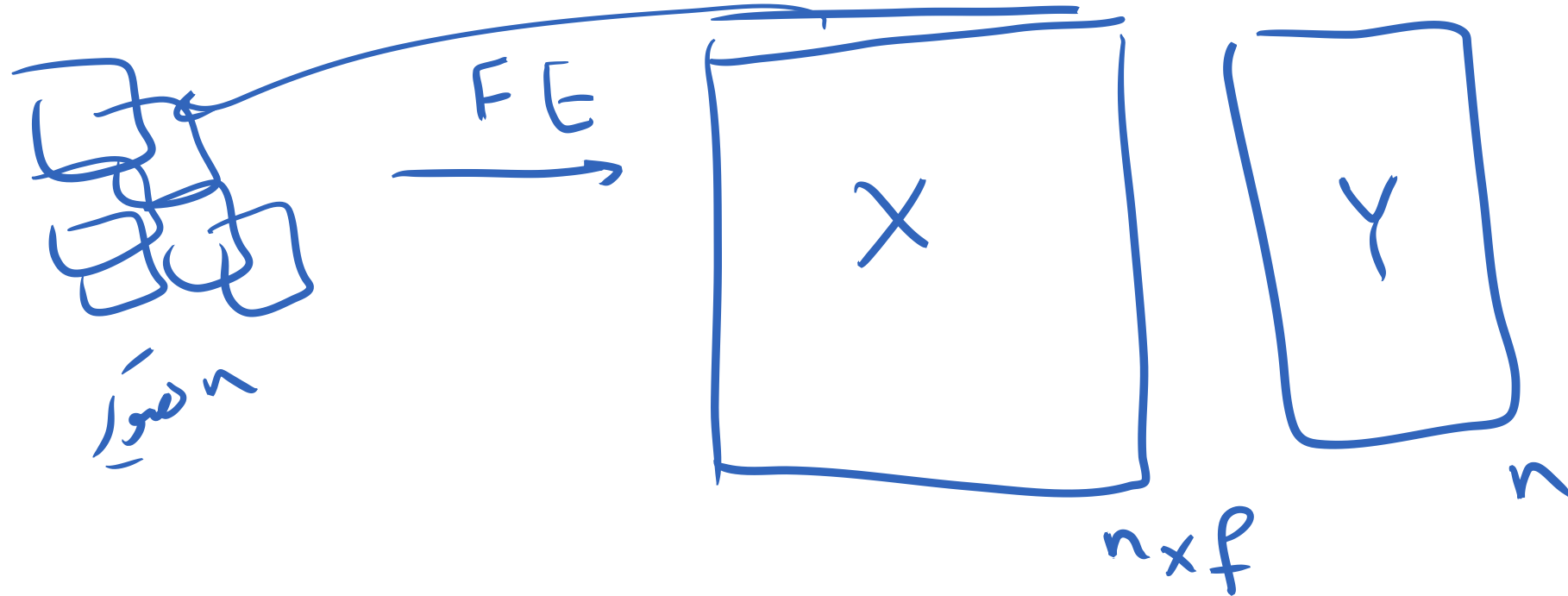
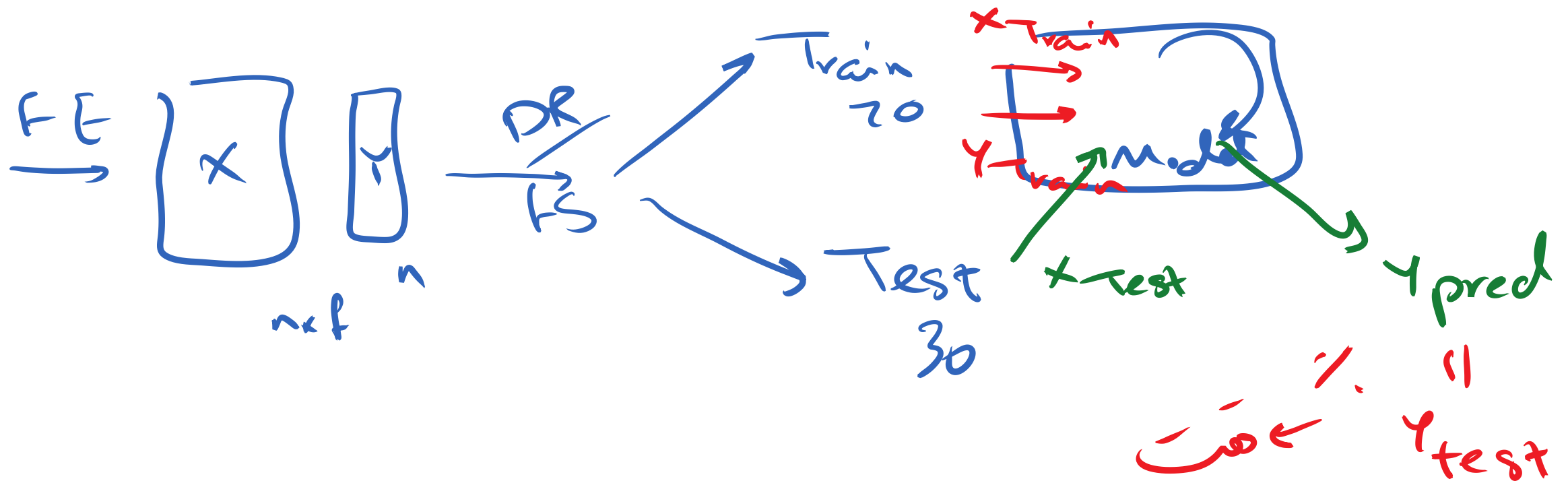
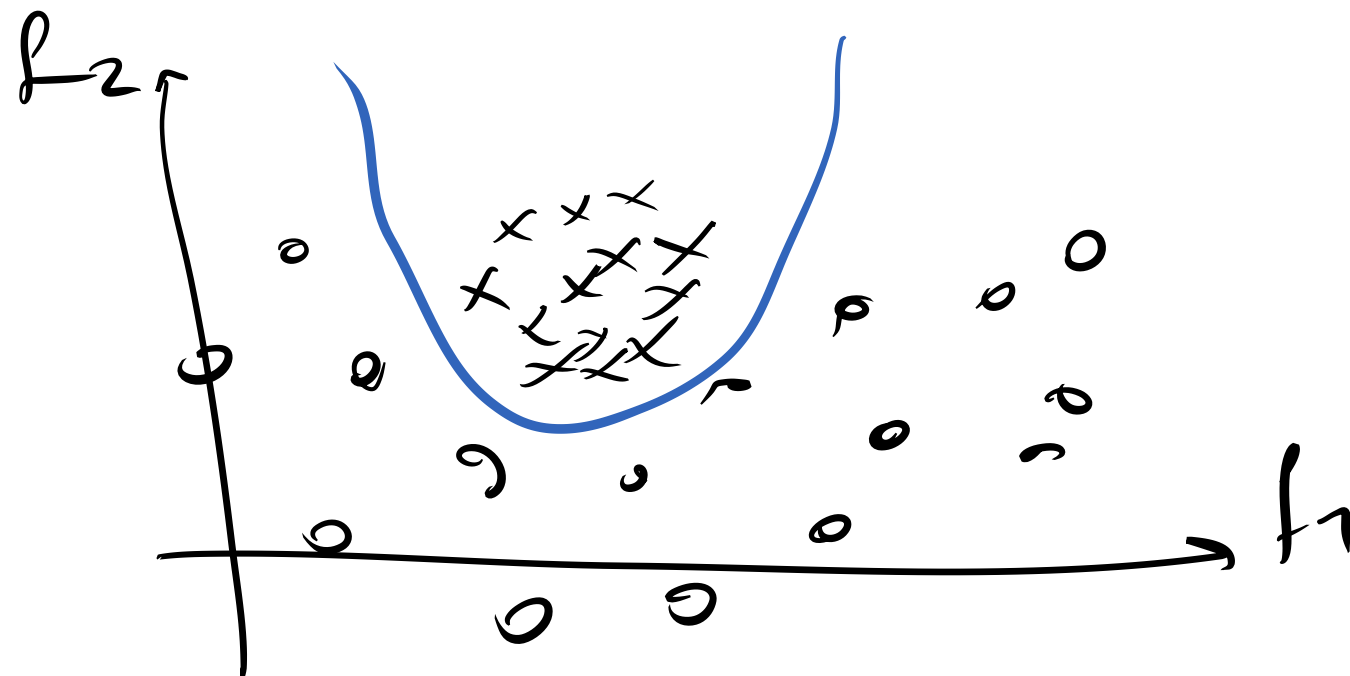
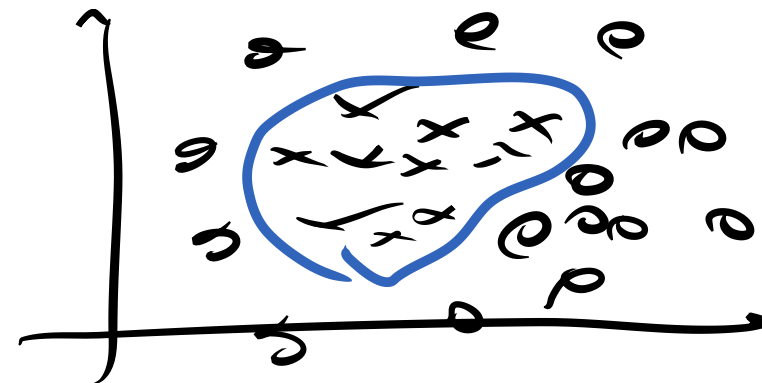
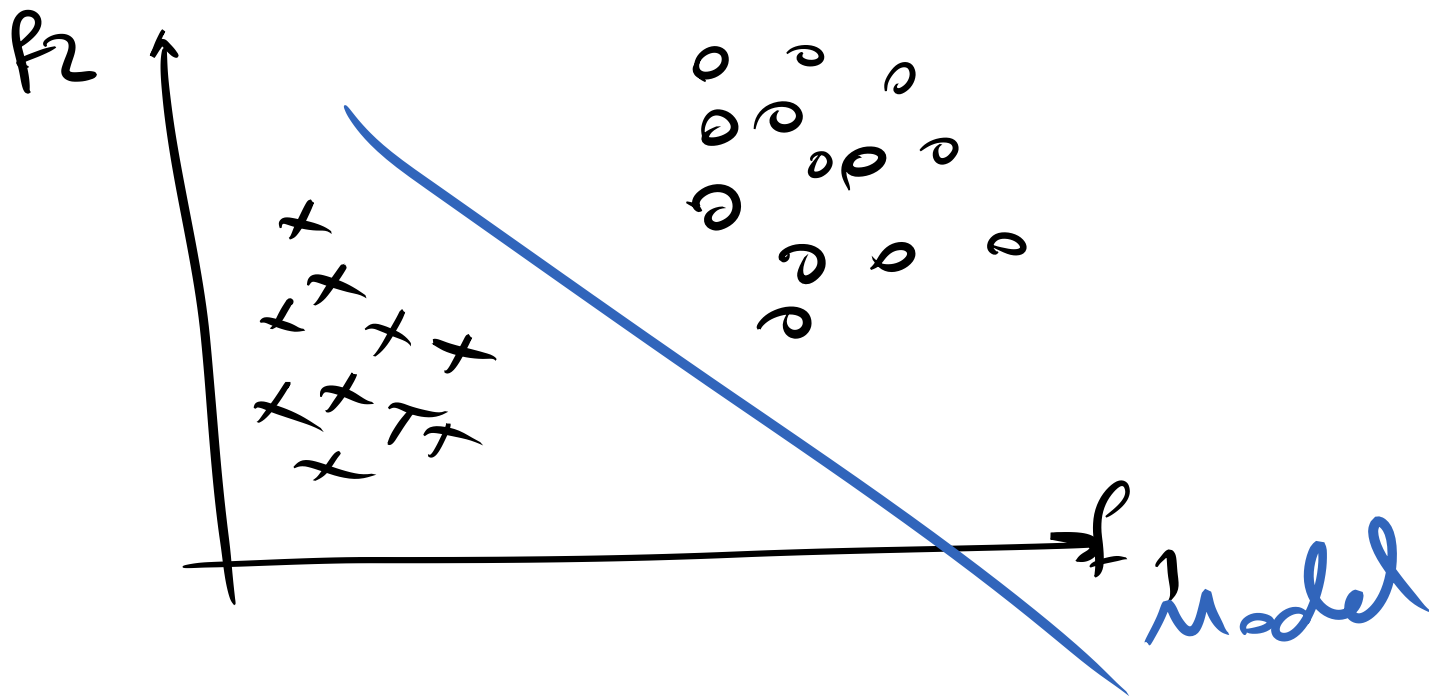


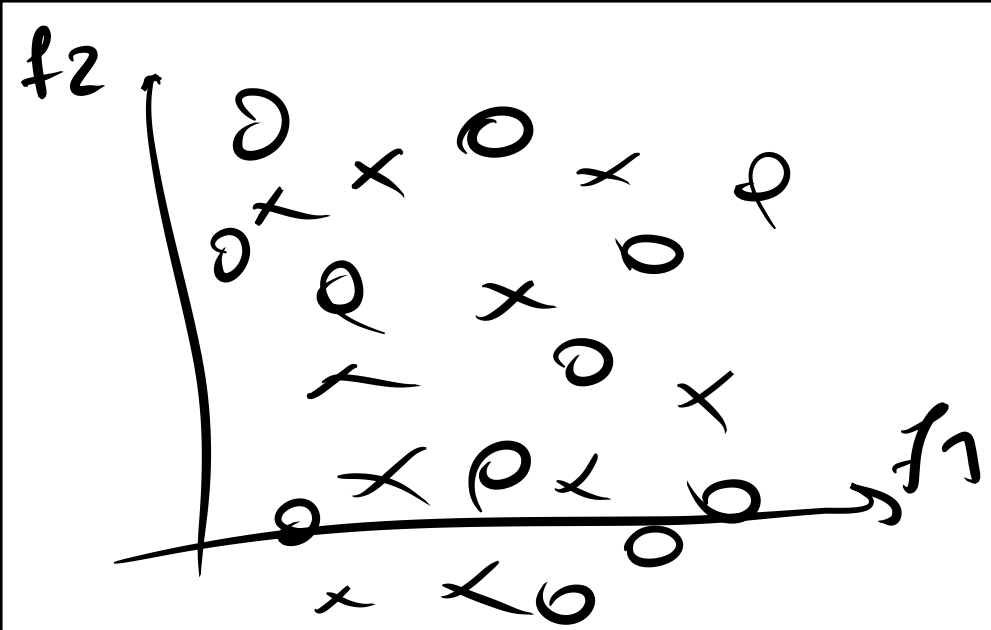
# Classification

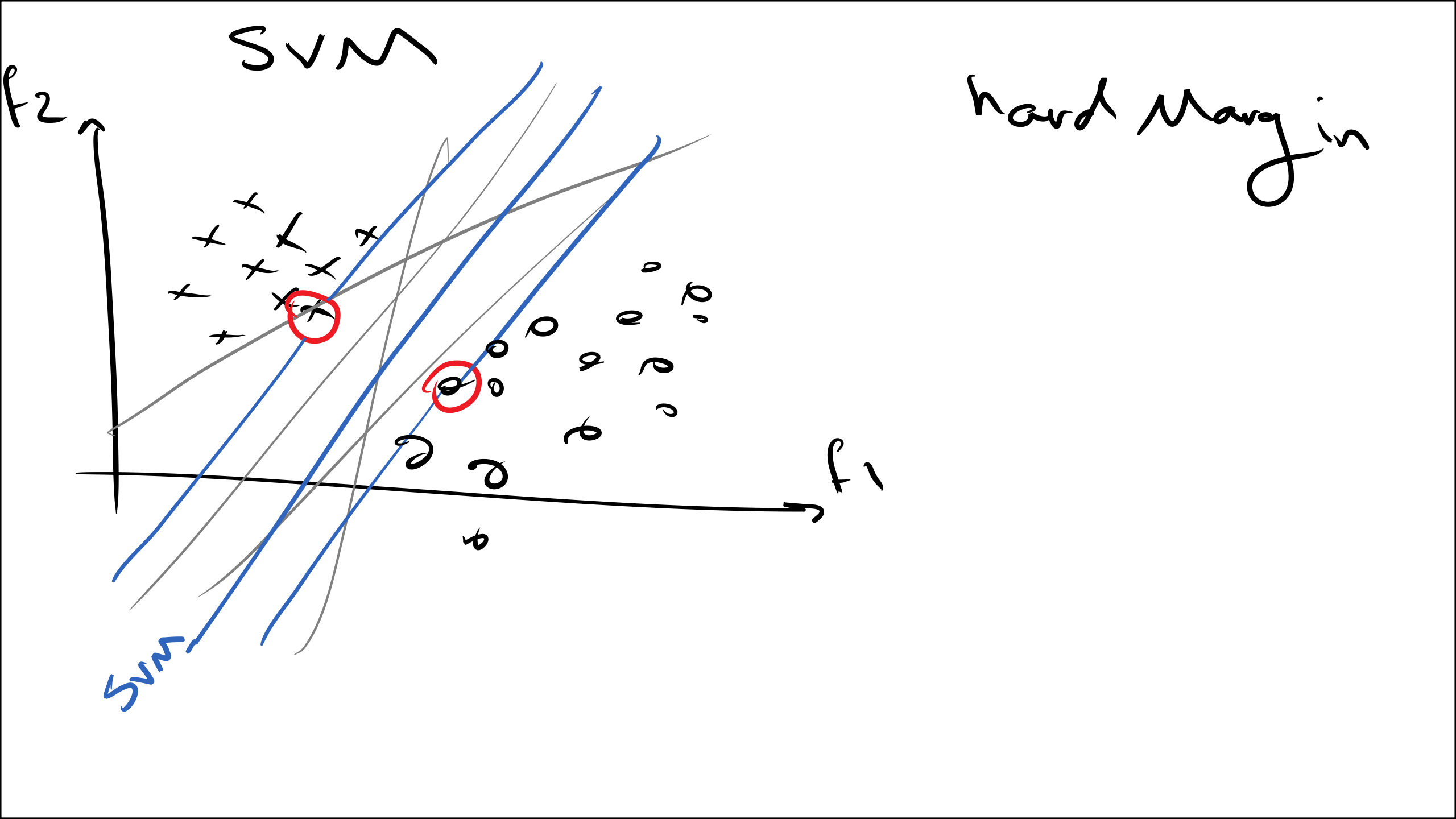


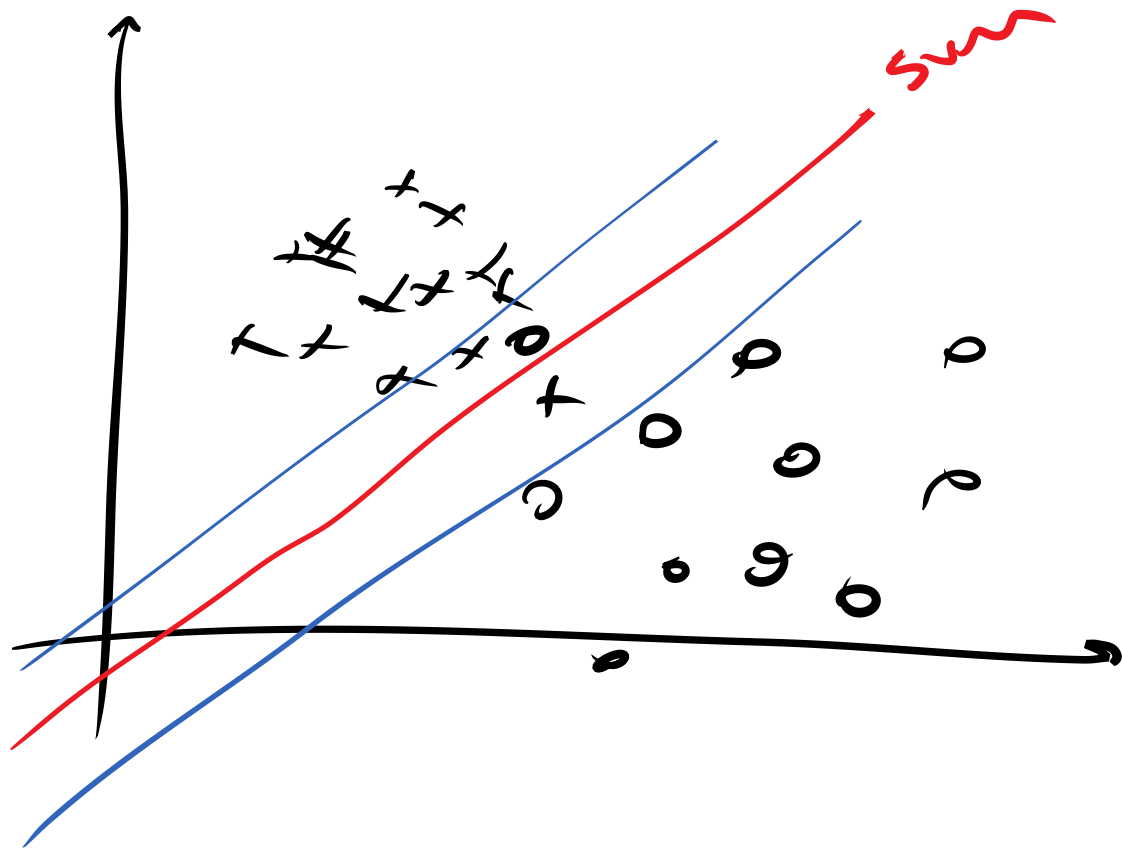


80%  
~



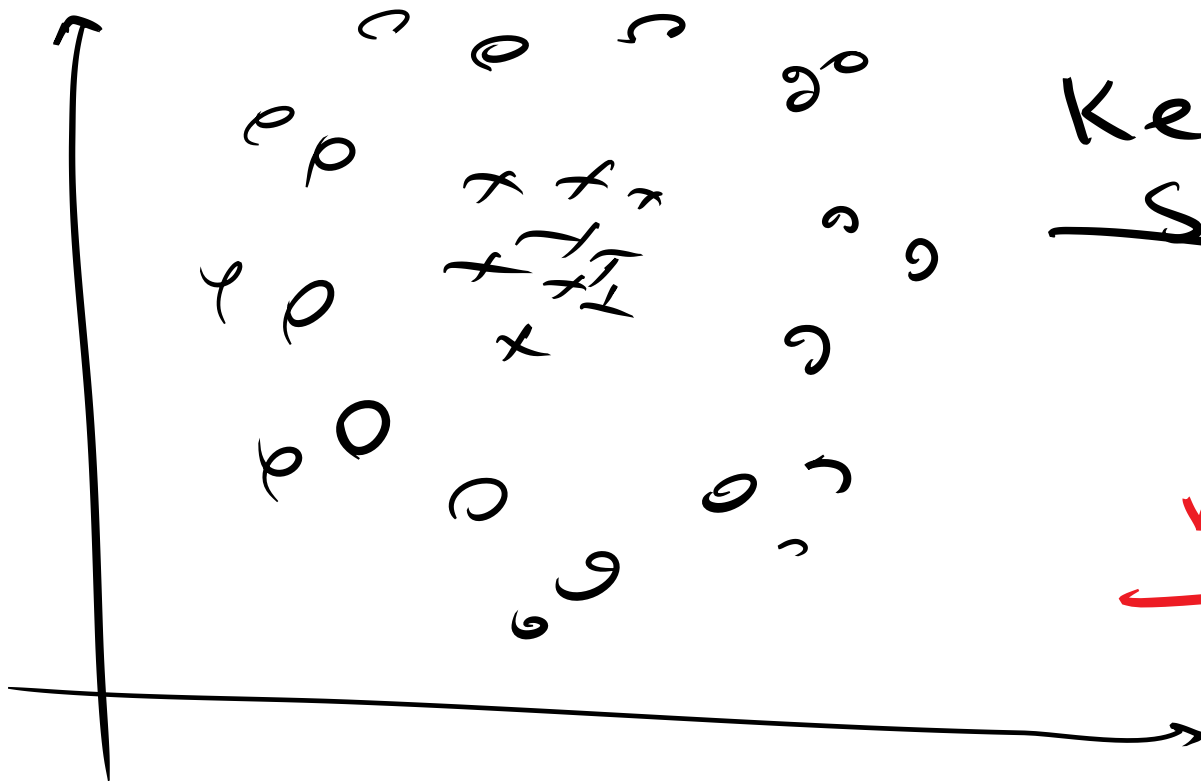






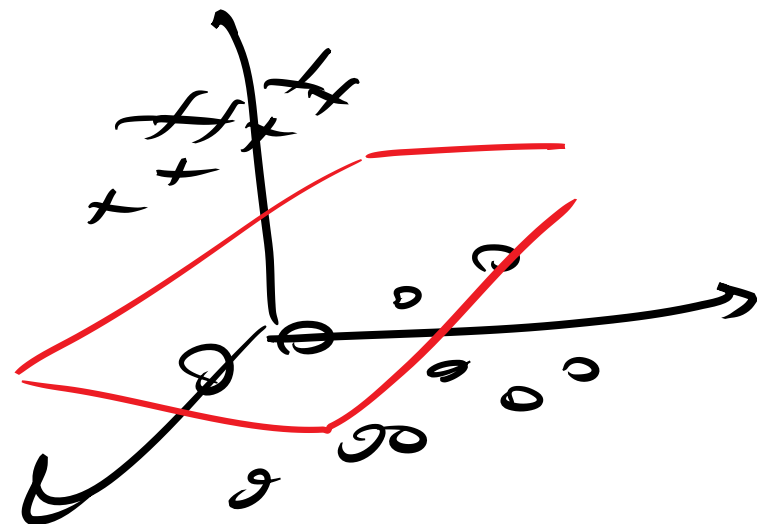
Soft + margin

margin

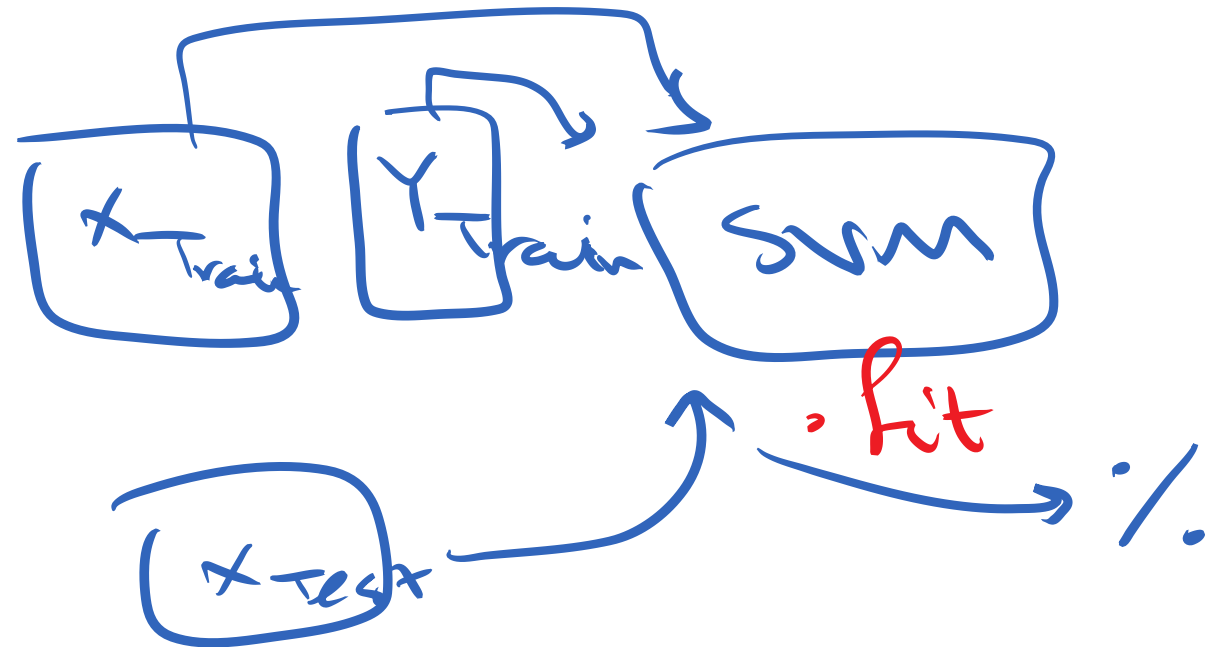
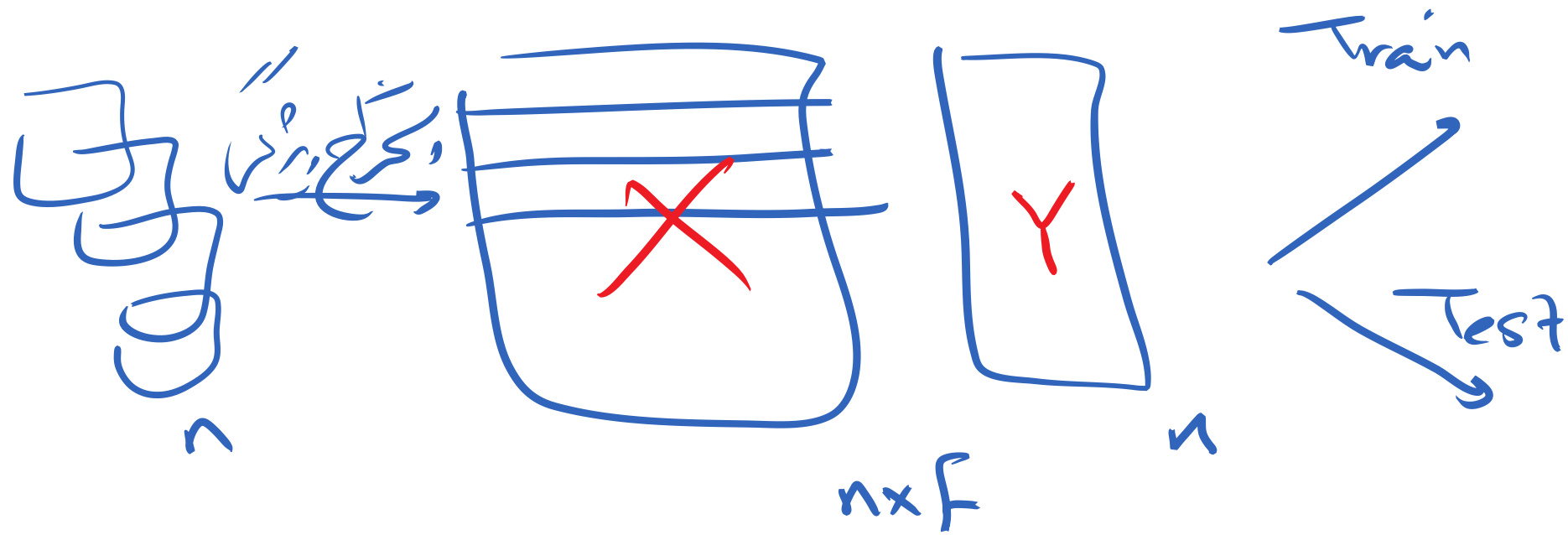


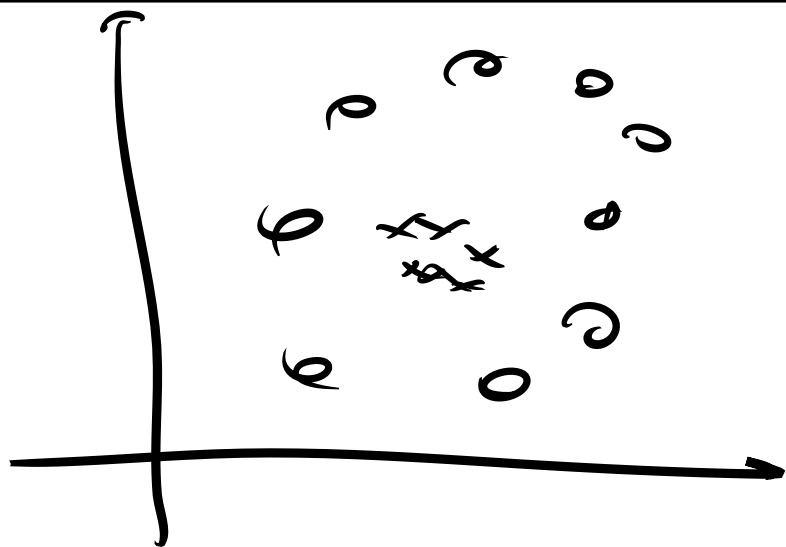
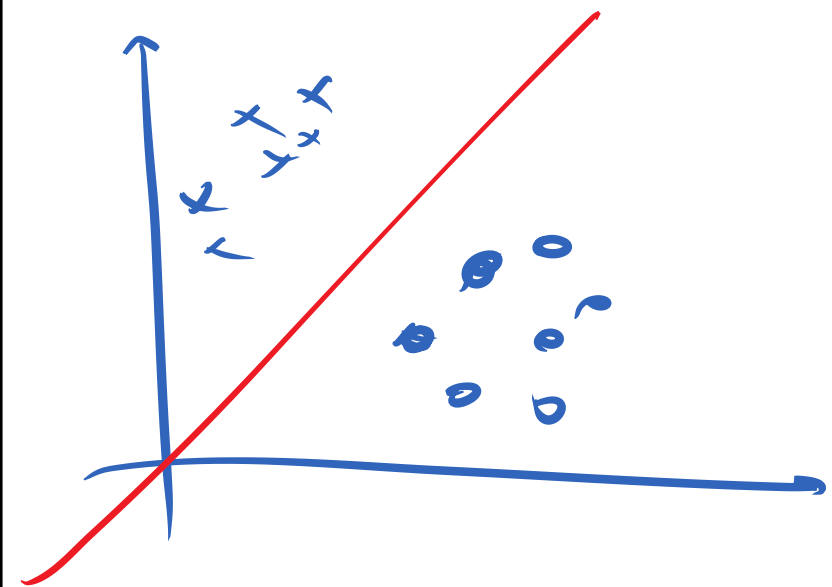
Kernel  
Sum →

rbf

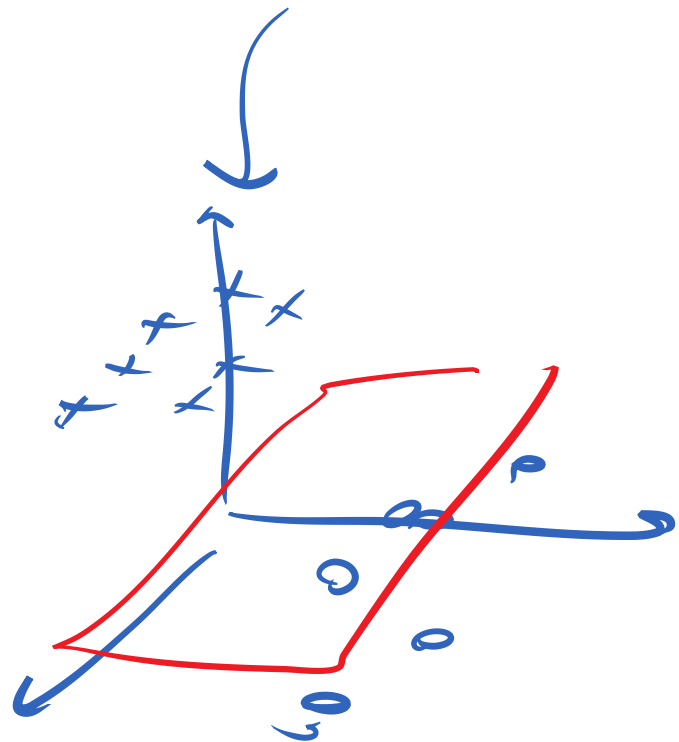








rbf  
svm



✓ استخراج واری → hog  
SIFT-image

→ LBP (باینری)  
local binary pattern

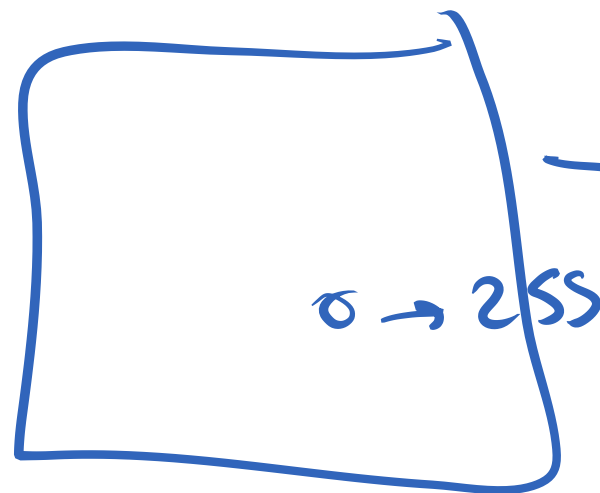
1	4	5	1
3	7	9	14
1	0	6	15

$(00010000) \rightarrow 0 \sim 255$

$(00011000) \rightarrow 255$

$f$

LBP



histogram

LBP  
features

