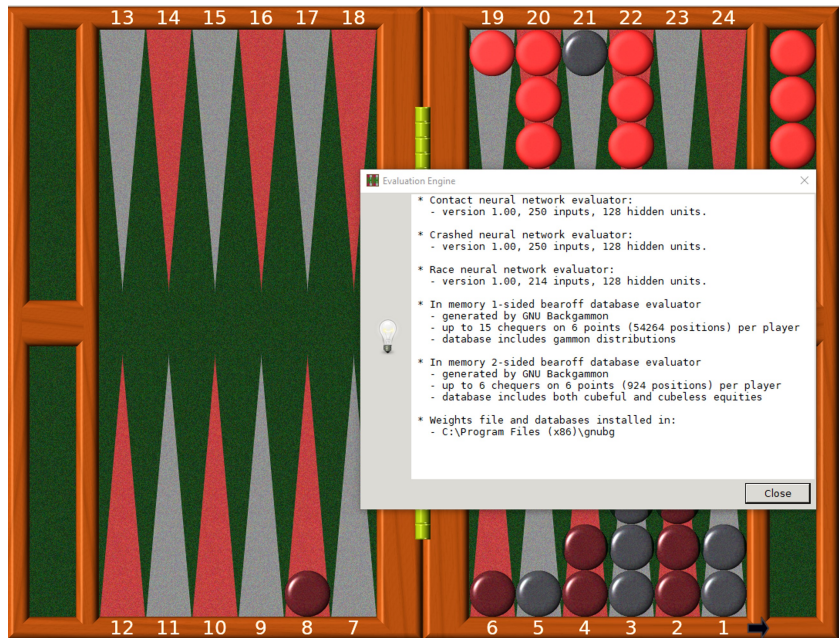
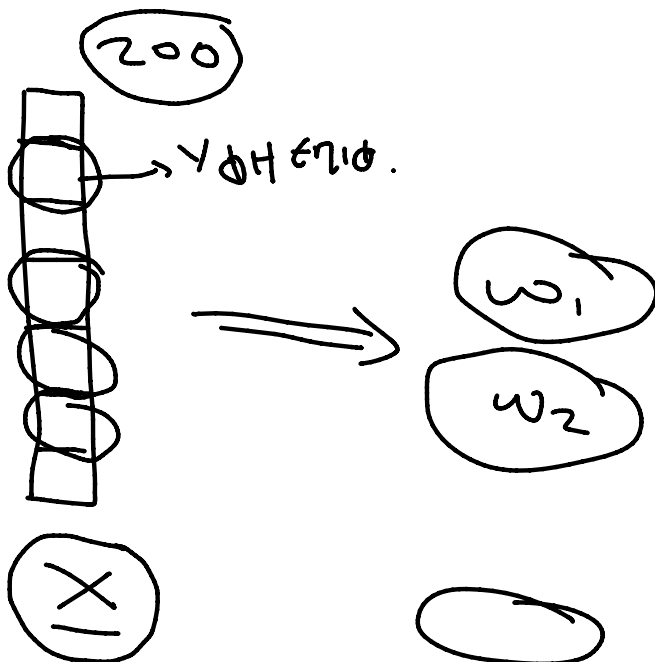


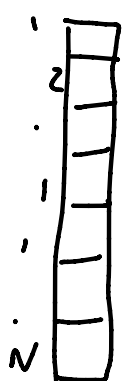
Επιλογή Χαρακτηριστικών

Thursday, June 4, 2020 11:04 AM



ΑΡΧΙΖΟΥΜΕ 12:15'





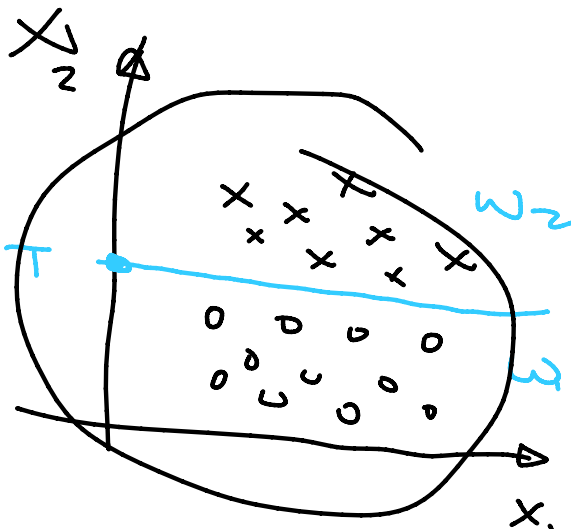
① ΕΠΙΜΟΡΦΗ ΠΡΑΜ.

② ΓΡΑΜ. ΜΕΤΑΣΧ.

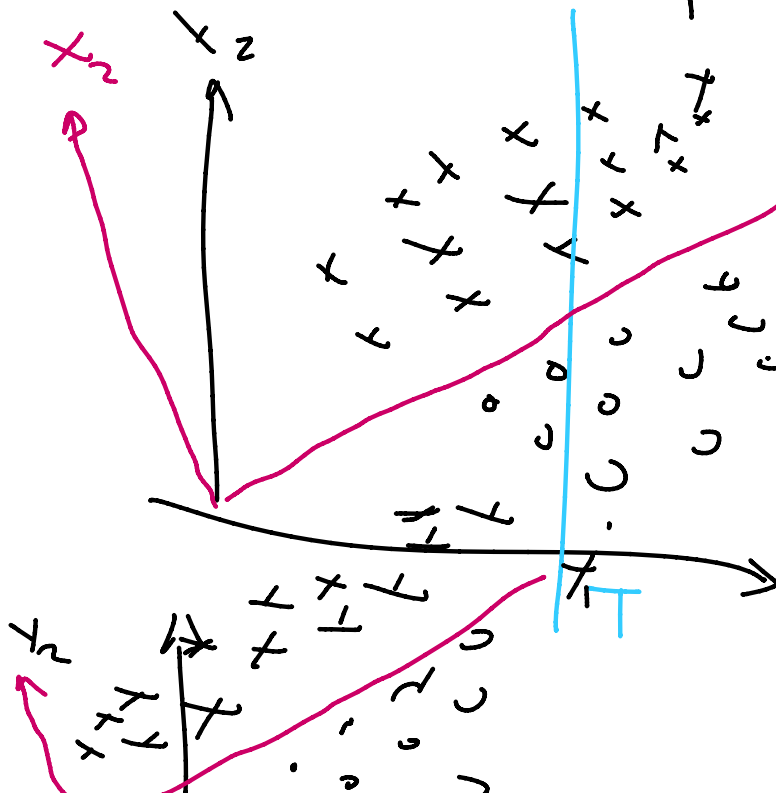
X_N

$$X \Rightarrow \omega \cdot X_N \rightarrow y_m \quad \underline{m < N}$$

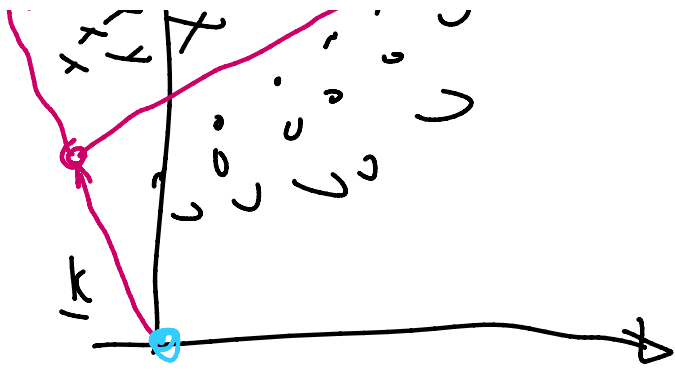
$\underline{m < N}$



$\text{if } X_2 > T \Rightarrow X \in \omega_2$

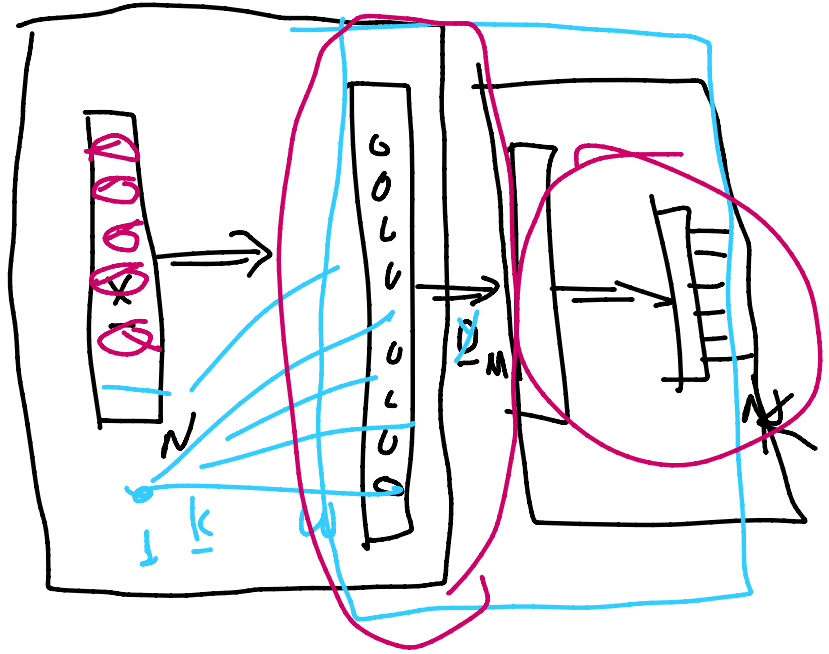
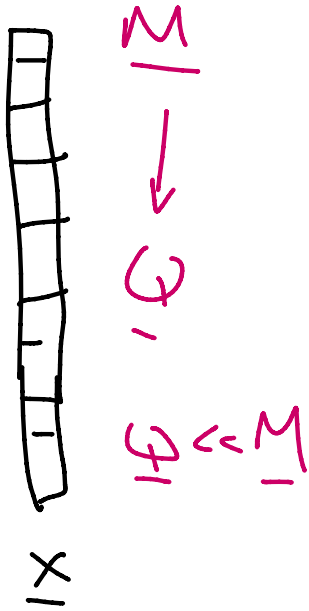


$$y = \begin{pmatrix} y_1 \\ y_2 \end{pmatrix} = \omega X + b$$



$$\begin{pmatrix} y_1 \\ y_2 \end{pmatrix} = \begin{pmatrix} w_1 \\ w_2 \end{pmatrix} x + \begin{pmatrix} b_1 \\ b_2 \end{pmatrix}$$

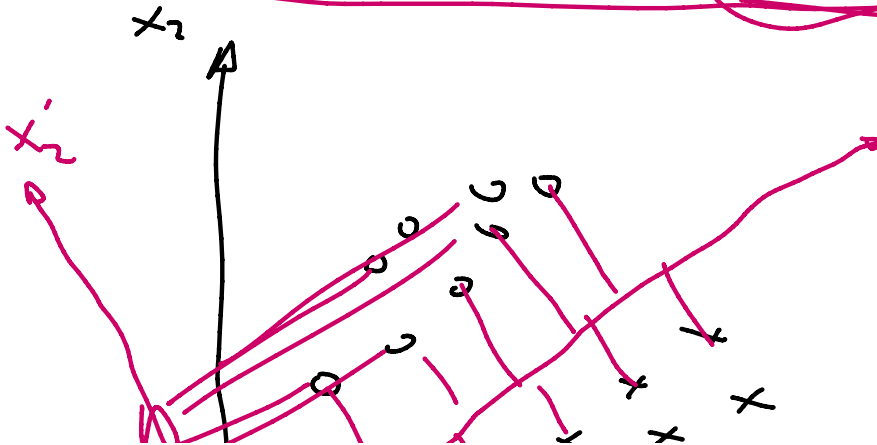
COVER

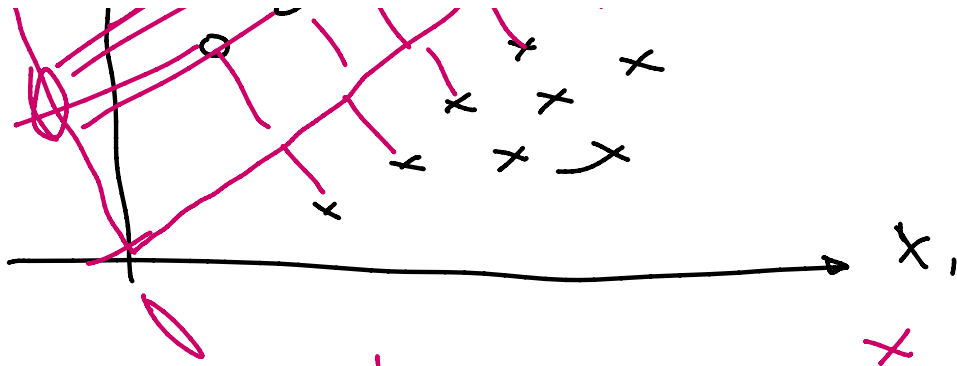


Principal Component Analysis

PCA

ICA



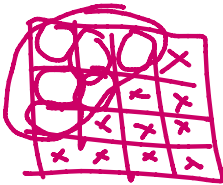


$$y = W \cdot X$$

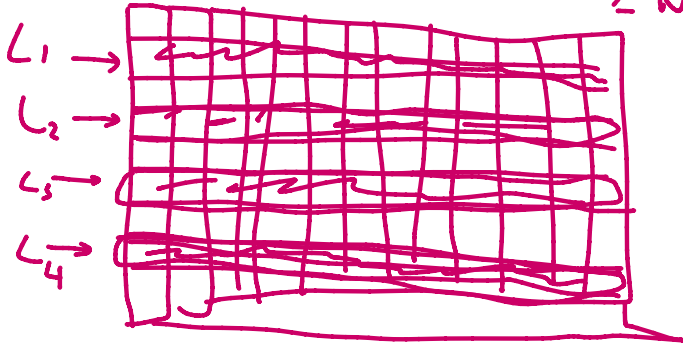
$$\begin{pmatrix} x_1 \\ \vdots \\ x_n \end{pmatrix} \dots \dots \dots ()$$

$$y = \begin{pmatrix} y_1 \\ y_2 \end{pmatrix} = \begin{bmatrix} w_{11} & w_{12} \\ w_{21} & w_{22} \end{bmatrix} \begin{bmatrix} B \\ X \end{bmatrix}$$

$$y_1 = w_{11} B + w_{12} X$$



x_1, x_2, \dots, x_N



K-MEANS

L KENTRIT

