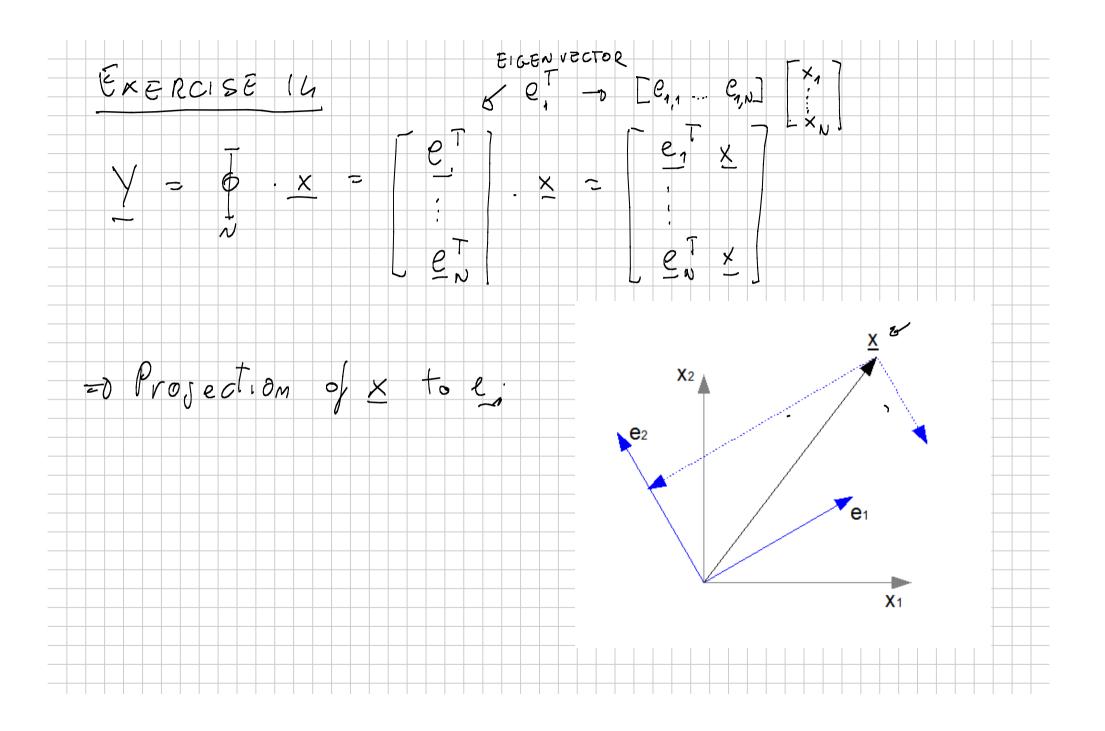
TUTORIAL 05

Notiztitel 06.06.2014

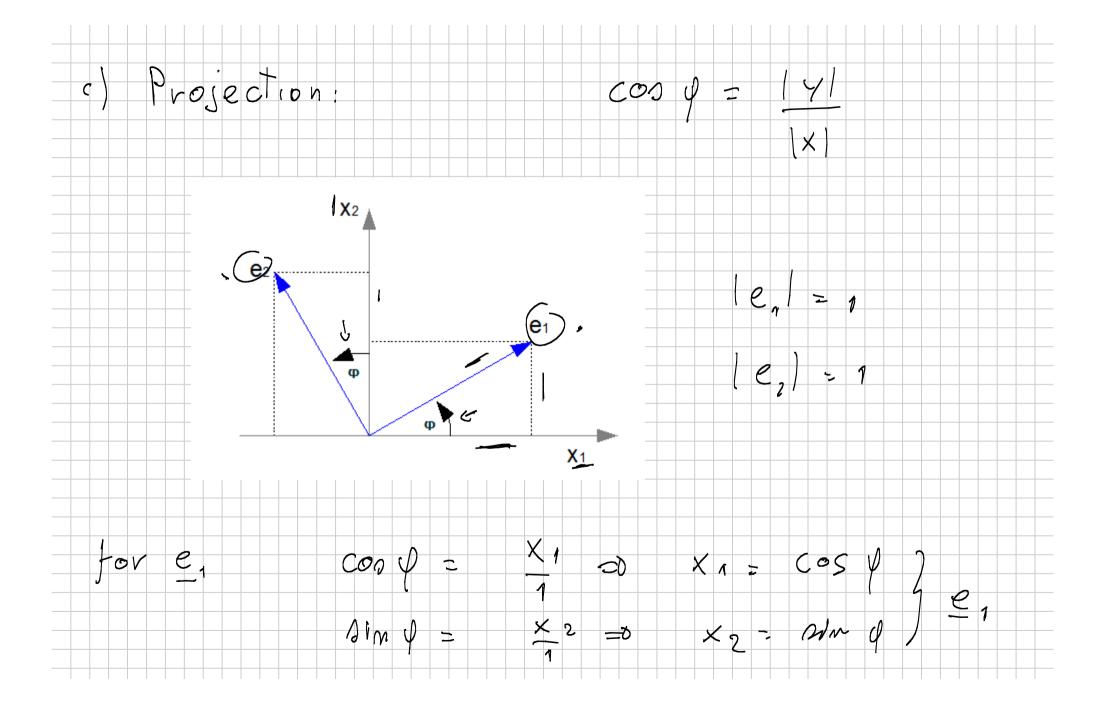
Outline.

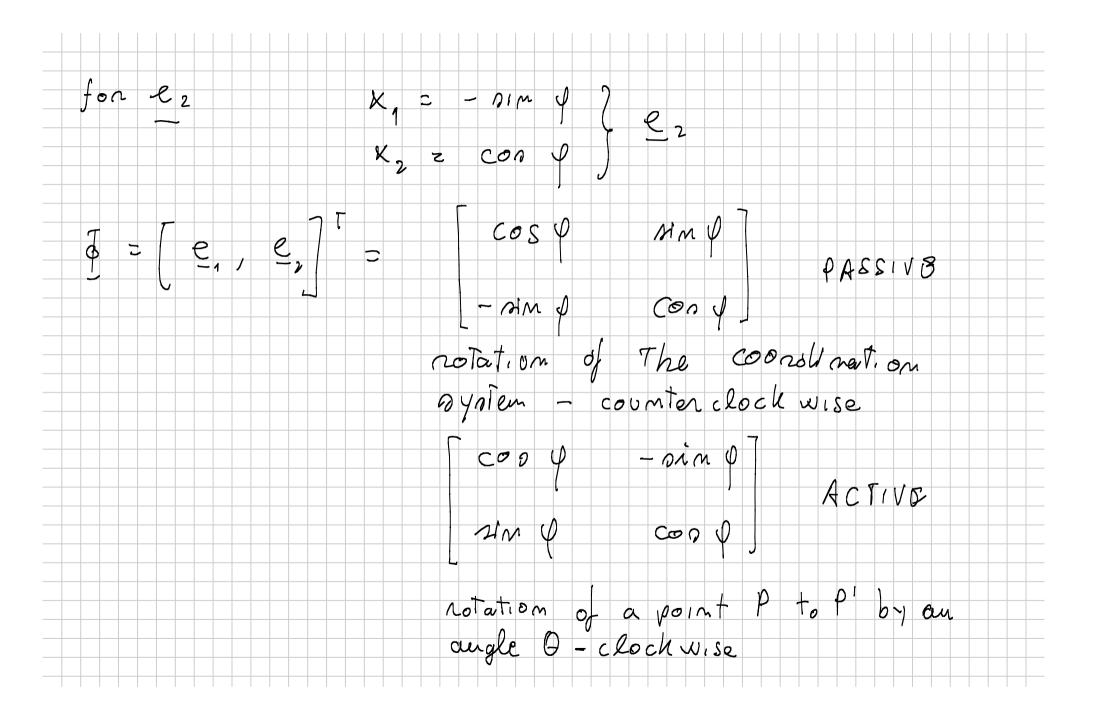
Special transformation in the time domain.

- Principal Component Analysis (PCA)



Vector y contains in its components the projection of a rotation of the x-coordination-system e - coordination - system le il normalized expansion compession





EXENCISE 15 Principal Component Analysis (PCA) results a notation of the ellipse, ma vary that the eigenvectors build the new coordinate system the save time the PCA generates a oblagomal covordence most nox - o if it can be shown, that the covariance matrix of the notated object has a oliagonal form notation by the eigen-vectors of the original coscriance neitrox has been performed the elgenvectors are ident, cal with the

