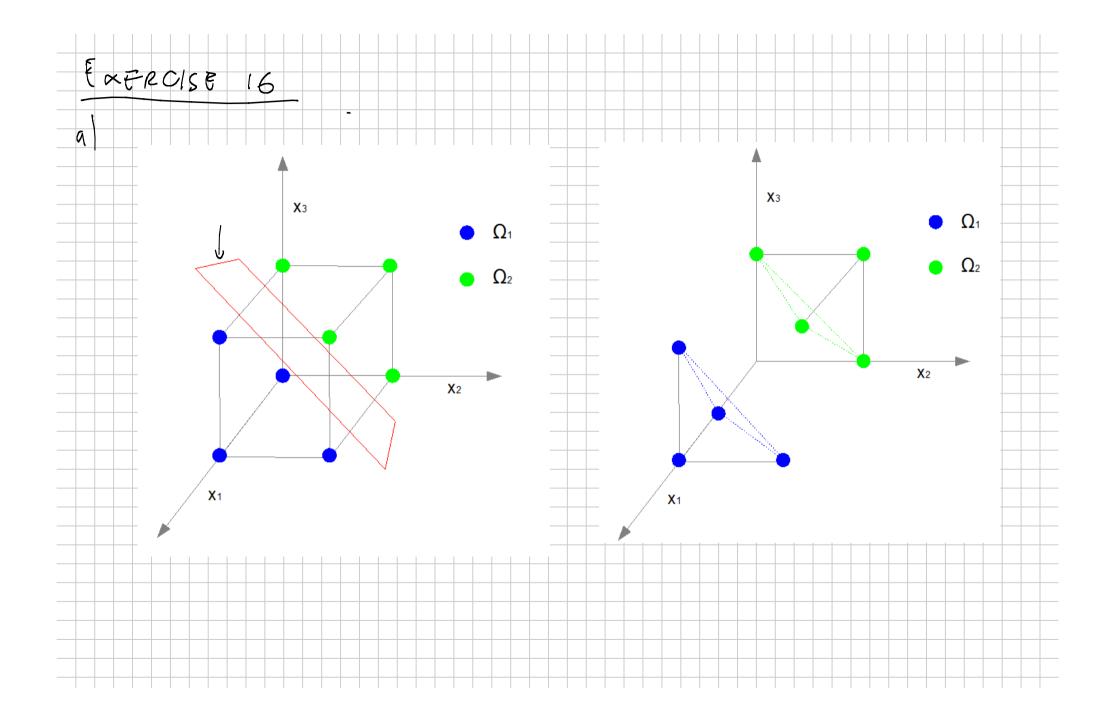
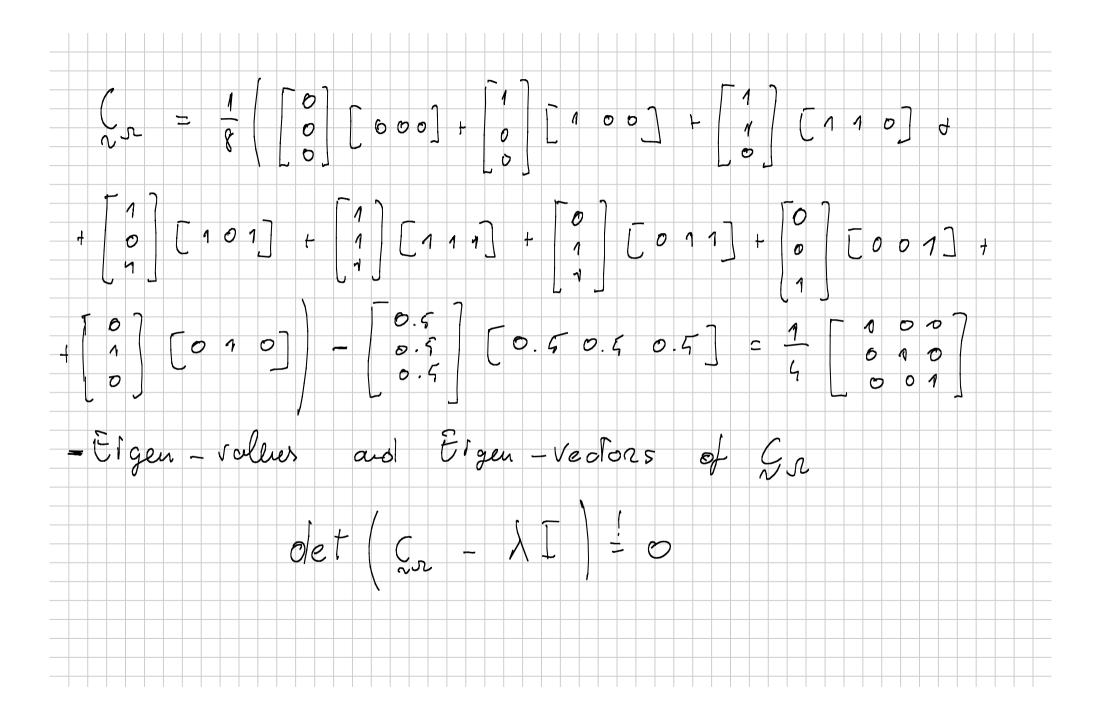


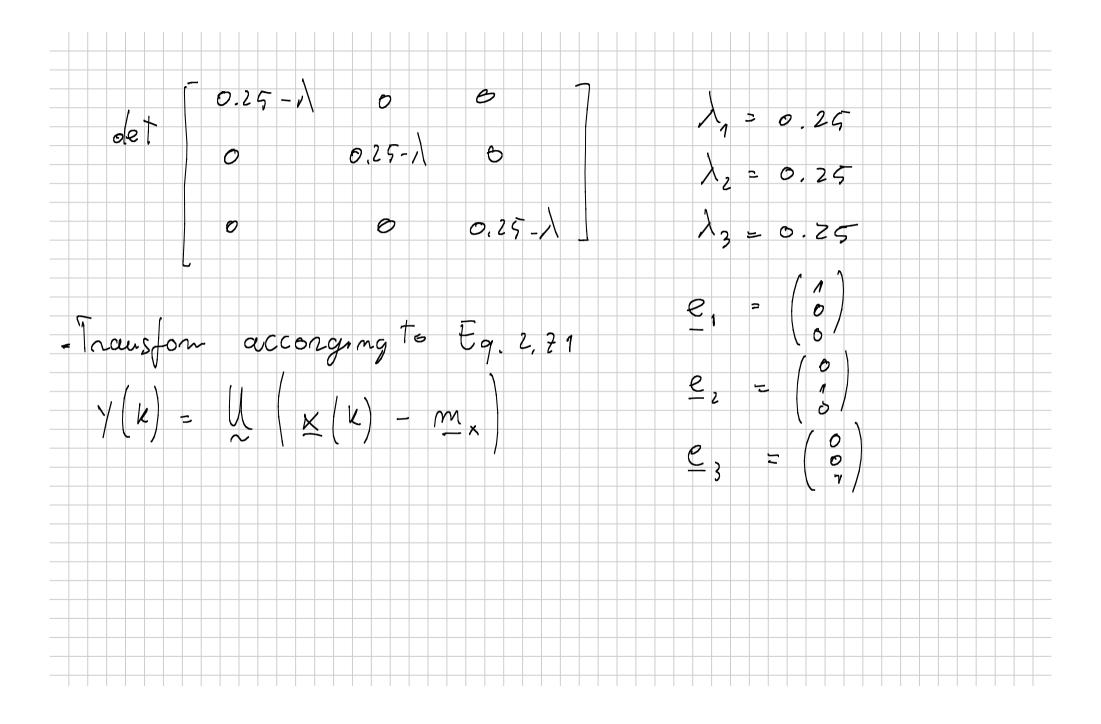
06.06.2014 Outline D. scm mont Analy SIS (LDA

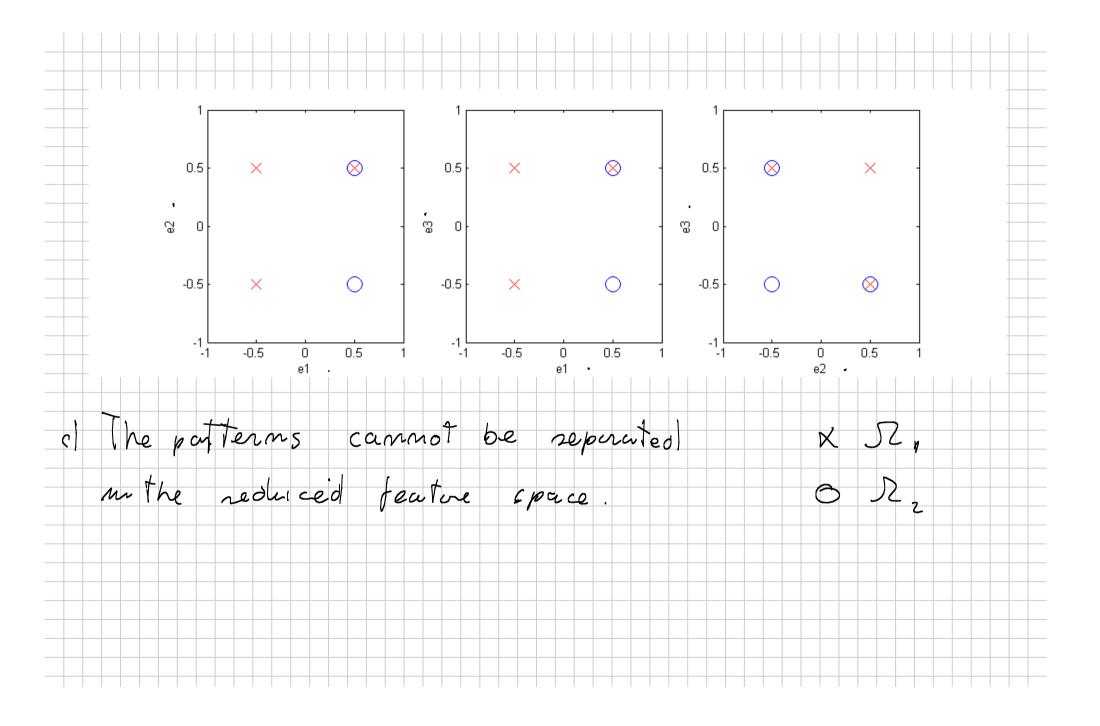


b) Statistical features!

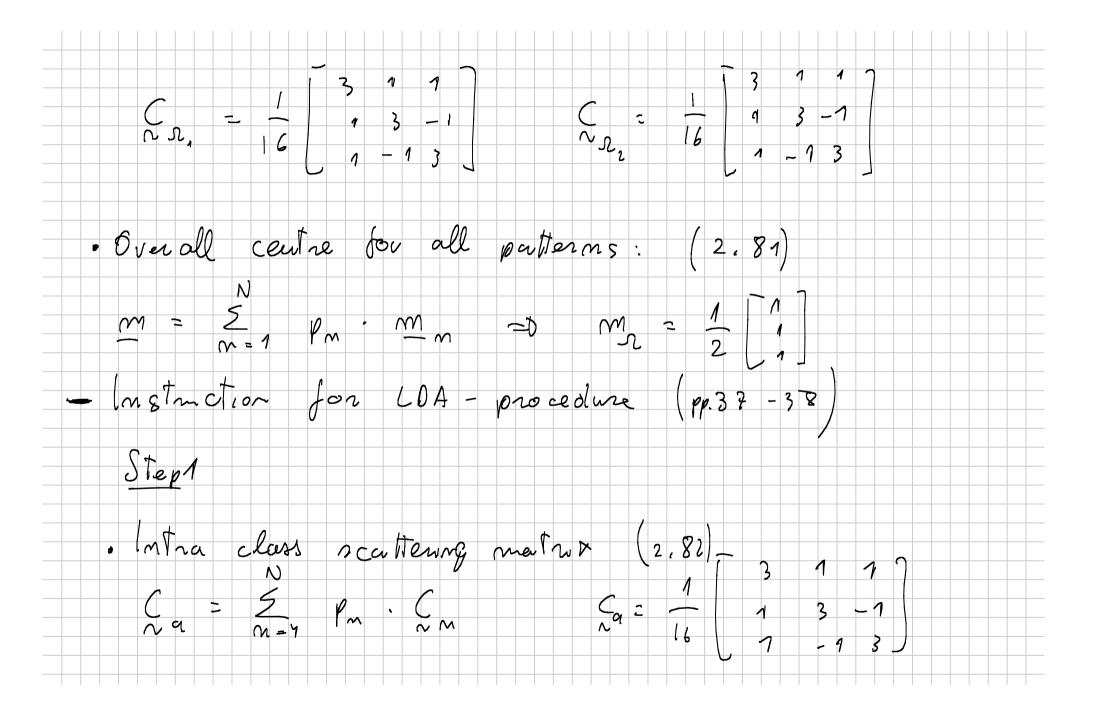
$$-m_{x} = \mathcal{E}\left\{\begin{array}{c} x \\ \end{array}\right\} = \frac{1}{k} \underbrace{\begin{array}{c} x \\ \end{array}}_{k=1} \underbrace{\begin{array}{c} x \\ \end{array}}_{k=1}$$



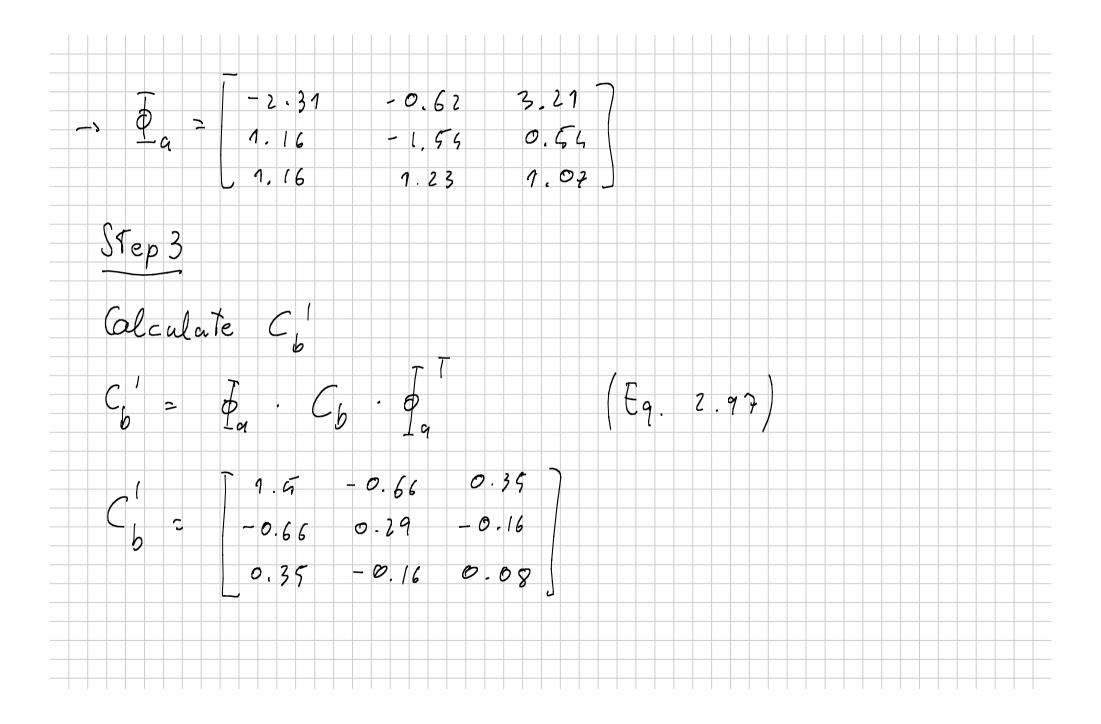




- STatistical features. processing proory - probability Ys, class - centre 2,79 X <u>M</u> W  $m_{\Sigma_i}$ - D. 2.80 covordance mainx  $\mathcal{M}$  $\sim$ 



scattering matrix Inter clan 2.83 M  $\sim$ m  $\sim$ Step2 2. ger - rectors Eigen - volves and - 0.15 0.80 0 O 0.22 0 2.92 a



Step 4 E. gen values and E. gen vectors 01 to Eigen-veotors transformation matrix \$ 6 1,88 0 0,90 0 ~0 0.37 0.47 0.92 ~0 0.88 ~ 0 Step Calculate transformation matrix and transform patterns (S, , S, 2.90

