

 $\begin{bmatrix} q_1 \\ q_2 \end{bmatrix} = \begin{bmatrix} q_2 \\ q_3 \end{bmatrix}$ A X = what close An= & mean in this content? $\begin{bmatrix} a_{11} & a_{12} \\ a_{21} & a_{22} \end{bmatrix} \begin{cases} x_1 \\ x_2 \end{cases} \begin{cases} b_1 \\ b_2 \end{cases}$ $\begin{bmatrix} a_{21} & a_{22} \\ a_{21} & a_{22} \end{cases}$ $\begin{cases} a_{11} \\ a_{21} \\ a_{21} \end{cases} \chi_{1} + \begin{cases} a_{12} \\ a_{22} \\ a_{22} \end{cases} \chi_{2}$ $\begin{cases} a_{11} \\ a_{22} \\ a_{22} \end{cases} \chi_{2}$ $\begin{cases} a_{12} \\ a_{22} \\ a_{22} \end{cases} \chi_{2}$ $\begin{cases} a_{12} \\ a_{22} \\ a_{22} \end{cases} \chi_{2}$ To is a linear combination of the when of A? thow

thow

anyou be $\chi = (A^T A)$ $\chi = (A^T A)$ $\chi = (A^T A)^T A$ The state matrix sessition for a Sur this matin in investible?

mé c obtained Such that it sest fêts the date Linear find is any min 15 - Ax 1 Regrussion Ax-b= e a minimize the term 2= CATAJATA V=md -> log V= logm+ c logd V= md+c+Kd - valid? x Task: data scripts - class 02 - data 1.tat
200(x,y) 3.tat 50 - Lestour para rédacques voind 2 mu + C - Using first 50, 100, 200 points 200 Dotal m C D3 tileto Le submitted Based on the Scharioun of m& C, infa the type of data. o W - Do you think a tette moch would work · tex / mas instead of y=mx+c? What? Why? - Plot the data a scatter plat & a lim tos the model. Support previous infernce - Use octave do not use inv(A) or Alts.
- Invest matrix using Ganssian-Shimination