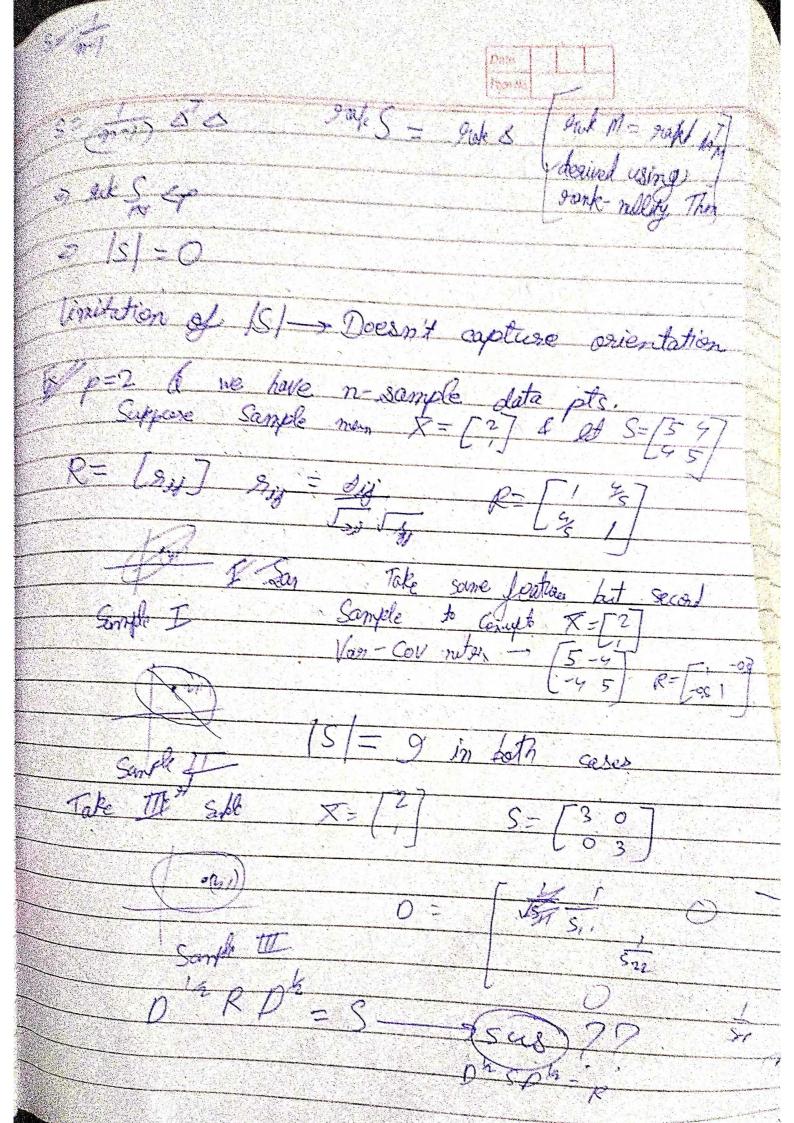
HX defenercy os dependences si gal a son 2 dig = 0 4 15/3 Lost son of x : By grow tempermented 2000



Edip Spedej

= dij sji dij | Dinta | |
Paga No. | Multivaliate Mormal Distribution  $\begin{array}{ccc}
X \sim N(\mu, \sigma) & p=1 \\
f(\pi) = & f(\pi) = f(\pi, \sigma) \\
\hline
f(\pi) = & f(\pi, \sigma) \\
\hline
f(\pi, \sigma) & f(\pi, \sigma)
\end{array}$  $p=2 \quad \forall = \begin{bmatrix} x_1, x_2 \end{bmatrix} \quad \underbrace{\begin{cases} x_1, x_2 \end{bmatrix}}_{x_1} \quad \underbrace{\begin{cases} x_1, x_2 \end{bmatrix}}_{x_2} \quad \underbrace{\begin{cases}$  $\frac{1}{\sqrt{2}} \frac{1}{\sqrt{2}} \frac{1}{\sqrt{2}$  $\frac{\sigma_{i}}{\sigma_{i}^{2}\sigma$  $\frac{\sigma_{12}}{\sigma_{1}^{2}\sigma_{2}^{2}-\sigma_{12}^{2}} = \frac{1}{(\sigma_{12})^{2}} = \frac{1}{($  $=\frac{\sigma_{12}}{\sigma_{2}\sigma_{1}}\left(\frac{1}{-\rho^{2}}\right)=\frac{\rho}{\sigma_{1}\sigma_{2}}\left(\frac{1-\rho^{2}}{-\rho^{2}}\right)$ 

