Wednesday, March 2, 2022 2:00 PM

[2^m - China closs -> Recording

 $\Lambda_{in} L(\omega, 6, \infty) = [\omega^{T} \omega - \frac{\lambda^{N}}{2}] \times (y_{i}(\omega^{T} x_{i} + b) - 1)$

= 1 w w - 2 4; y; w n; - 2 x; y; b + 2 x;

= 1 w - w = zaiyin: - 1 & x; y, + 11

 $- L \omega^T \omega - \omega^T \omega - 6 \cancel{x} 0 + 2 \overset{\sim}{\underset{i=1}{\sim}} \overset{\sim}{\gamma_i}$

 $= - \perp \omega^{\mathsf{T}} \omega + \geq \alpha_{1}^{\mathsf{T}} - 3$

2 7,0 6 2 0; 5; =0

- \\ (\x) = \frac{1}{2} \alpha_i - \left[\frac{1}{2} \frac{1}{2} \alpha_i \alpha_j \frac{1}{2} \right] \\ \frac{1}{2} \left[\frac{1}{2} \right] \\ \frac{1}{2} \right] \\ \frac{1}{2} \left[\frac{1}{2} \right] \\ \frac{1}{2} \right] \\

-) duch form

= Missing Sty - Revise doss

2 - Phat rector na 6 -1 +1 1 -1 **-**) 6 41 4 +1 0 $S_2 = \begin{pmatrix} 2 \\ -1 \end{pmatrix}$ $S_3 =$ 2

1

$$4 = 7 = -3.25$$
 $4 = 3.5$

$$fest data coit a=5-1$$

$$y = \begin{pmatrix} 1 \\ 0 \end{pmatrix} \begin{pmatrix} 5 & -1 \end{pmatrix} -3$$

$$= 2 \qquad + ve class/$$