Tuesday, March 1, 2022

1) nin
$$L(\omega, b, x) = \frac{1}{2} \omega^{T} \omega - \sum_{i=1}^{N} \alpha_{i} (y_{i}(\omega^{T} \eta_{i} + y_{i}) - 1)$$

8 $to x_{i} > 0$

$$\frac{\partial L}{\partial \omega} = \frac{\partial L}{\partial \omega} = 0$$

KKT Conditions: [Karush Kuhn Tucker]

$$\alpha_i \cdot [y_i (\omega_o n_i + 6) - 1] = 0$$