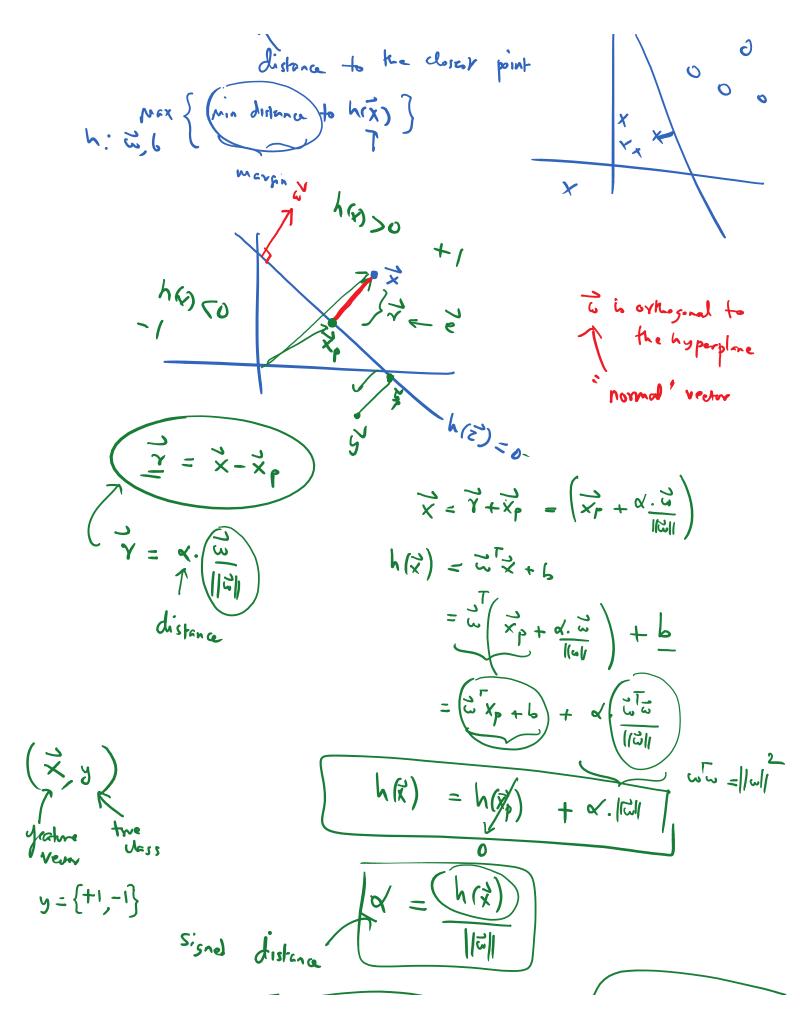
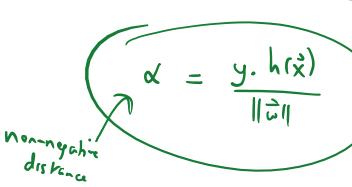


distance to the closer point

\ \ 0



snel distance

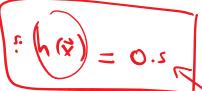


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h(え) くの タニー1 h(え) > 0 タニー1

11211 to be small

2.v.



عرهاله ع $S(\omega_{\lambda}^{+}+P)=0$

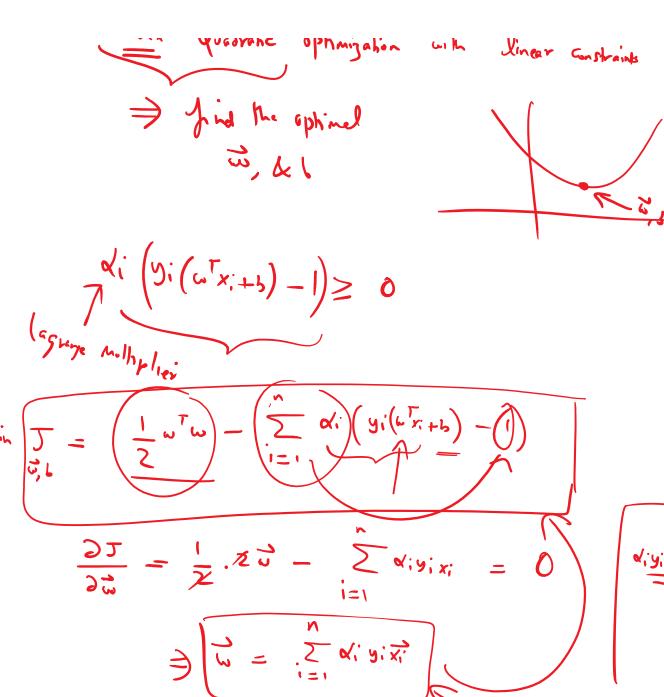
$$(s\omega)^{T} + (sl) = 0$$

$$(\omega')^{R} + b' = 0$$

$$d_i = \frac{y_i h(x_i)/10}{\|\omega\|}$$

y; L(x;) = 10

h(x) for which he mayin = 1 is celled the annied hyperplane Subject to the constraint that ell points should be at a y; h(x,) ≥ 1 ارد (سرد: +p) >۱ h constrains کر السّاا کر السّار کر شاہ کر السّار کر PRIMAL FORMULATION SVA: min { \frac{1}{2} \langle \lan) ||ぱ|| ゠゚゚゙゙゙゙゙゙゚゚゚ゔ゚゚゚゚゚ 5.t. 9: (6x:+6) > 1 n equations / Gustiens Convex Quedratic optimization with linear constraints



$$\frac{\partial F}{\partial P} = \underbrace{\sum_{i=1}^{2} \alpha_{i} \beta_{i}}_{1 = 0}$$

$$\frac{\sum_{i=1}^{2} \alpha_{i} \beta_{i} \beta_{i}}{\sum_{i=1}^{2} \alpha_{i} \beta_{i} \beta_{i}}$$

dual formhabin

$$= \left(\sum_{i=1}^{\infty} x_i^{i}\right) - \frac{1}{2} \sum_{i=1}^{\infty} \sum_{i=1}^{\infty} \alpha_i \alpha_i^{i} y_i^{i} y_i^{i} x_i^{i} x_i^{i}$$

Find
$$J = \left(\sum_{i=1}^{\infty} \sum_{j=1}^{\infty} o(io'_j y_i y_j^* y_i^* x_j^*) \right)$$

Solve for $O(i)$
 O

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teshing
$$\frac{1}{2}$$

$$= \frac{1}{2} + \frac{1}$$

