Jenting LOG 20116 الم مور ۷ مردار درمواه اسم = w u + b = c , w N + b = 0 = w (u - N) = 0 => (wT, U-N) =0 => |W] |N-N | cost =0 => Cost =0 => A=N, سامان مردام سام مردام از ۲ شما صفحه عدداس چی دادم ج ی سازد.

w1x+b=0, u= x+xw

w 7 + b= 0 = < w , x> + b = 0

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- wta+b=wT(x+aw)+b=wTx+b+wTxw=a+awTw = 2 1 wild => > 0 V

: Things, X

wTx+b=0 (~ x(~ x+b) = 0 (> x~ x+xb=0 (=)(XWT) x+(Xb)== wx+b=0

 $d\gamma_0, \int_{\mathcal{M}} \mathcal{M} + b \gamma_0 = d(\mathcal{M} + b) \gamma_0 = \mathcal{M} \mathcal{M} + b \gamma_0$ $\int_{\mathcal{M}} \mathcal{M} + b \gamma_0 = d(\mathcal{M} + b) \gamma_0 = \mathcal{M} \mathcal{M} + b \gamma_0$ $\int_{\mathcal{M}} \mathcal{M} + b \gamma_0 = d(\mathcal{M} + b) \gamma_0 = \mathcal{M} \mathcal{M} + b \gamma_0$ $\Delta \zeta$. $| \mathcal{N}^{T}\chi + b \rangle_{0} = \alpha(\mathcal{N}^{T}\chi + b) / \zeta_{0} = \mathcal{N}^{T}\chi + b / \zeta_{0}$ $| \mathcal{N}^{T}\chi + b \rangle_{0} = \alpha(\mathcal{N}^{T}\chi + b) / \varepsilon_{0} = \mathcal{N}^{T}\chi + b / \varepsilon_{0}$ - ms jui n'7+b = 0 1 in Juo mTx+b=0 A 51 Lin - d +0 pa 81/1.)/ ju u= x+an i jus; lies ; lies ; lies ; lies ; w/x 1b= = = >) ministr w) = = riorarian = D(uniprer = | dul = wtx+b=. = wta+b= nt(x+an)+b= ntx+antw+b= /d+</ri> => | Xw | = | Xw, u+b| /

$$A_{S}(h) = \frac{1}{M} \sum_{i=1}^{m} (u_{i}x_{i}^{2} - y_{i}^{2})^{2} = \frac{1}{M} \sum_{i=1}^{m} (u_{i}x_{i}^{2} + u_{i}x_{i}^{2} - y_{i}^{2})^{2}$$

$$= \frac{1}{3} ((u_{0}^{2} - 1)^{2} + (u_{0}^{2} + u_{1}^{2} - u_{0}^{2})^{2} + (u_{0}^{2} + u_{1}^{2} + u_{0}^{2} - u_{0}^{2})^{2})$$

$$X = (\hat{x}, \hat{x}, \hat{x}, \hat{x}) = (\hat{x}, \hat{x}, \hat{x}, \hat{x}) = X$$

$$-A = \chi \chi \chi = \begin{pmatrix} 0 & 1 & 1 \\ 0 & 1 & 2 \\ 0 & 1 & 2 \end{pmatrix} \times \begin{pmatrix} 1 & 0 & 0 \\ 1 & 1 & 1 \\ 1 & 0 & 0 \end{pmatrix} = \begin{pmatrix} 2 & 1 & 1 \\ 2 & 2 & 2 \\ 2 & 2 & 2 & 2 \end{pmatrix}$$

$$\rightarrow W = \bar{A}'B = \begin{pmatrix} 1 \\ -2 \\ 3 \end{pmatrix} \checkmark$$

$$-\chi = (\chi'), \chi_{\perp} = (\chi'), \chi_{\perp} \times (\chi', \chi', \chi', \chi', \chi')$$

$$-\chi(x, t) = (101/101/10)$$

$$\chi(x, t) = (101/101/10)$$

$$\chi(x, t) = (11/101/100)$$

$$\chi(x, t) = (11/1000)$$

$$\chi(x,$$

Granni solami X (X) > 0 1. < w, x (x,1) = a + a + a X. 26Kmxx(1/2 1/2 1/2 1/2/5/20 -×1 4< w, x(ve) = a + 4a + 4a + 84 at x40 + 24 ac och (xe) = atta' + at + 2 at + al + ta). - 21 7, (00,1x(76) = a + a + x + x + x + 2 a x + x a x, 16-Jy (m/X1x4) 20° + 30° + 30° + 30° + <30° 4×30° + <80° >0 ١ ٢ ا ~ t+1= wt+y; (w, x(x))> - w = (0,010,010,0) = of (0 = w=w+4, xx)= (-1101-101-10) T2/ $\langle v \rangle$ By 2) who some son (the x; +b) 21 major in in in in in a color a A! Eq1---107: 2: (my 1:+pg) 2xx! > = \(y; \(\max; \max \) > \(\max \) = \(

Dy (wo to) > = y, (wo to) > 0

$$y_{1}(w^{2}, w^{2}) > = y, (w^{2}, w^{2}) > 0$$

$$y_{2}(w^{2}, w^{2}) > = y, (w^{2}, w^{2}) > 0$$

$$y_{3}(w^{2}, w^{2}) > = y, (w^{2}, w^{2}) > 0$$

$$y_{4}(w^{2}, w^{2}) > = y, (w^{2}, w^{2}) > 0$$

$$y_{5}(w^{2}, w^{2}) > = y, (w^{2}, w^{2}) > 0$$

$$y_{6}(w^{2}, w^{2}) > = y, (w^{2}, w^{2}) > y, (w^{2}, w^{2}) > 0$$

$$y_{7}(w^{2}, w^{2}) > = y, (w^{2}, w^{2}) > y, (w^{2}, w^{2}) > 0$$

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