Bishop 6.2

Leaning o'swith deputs on Gram Matix

10 = -1

$$D_{4}x^{4}+2=1$$



















Taking the deriveryse:

W= /(2,-22)

Bishop 7.4

25 = -67 (x,+x2)

W+ xx, +3 x2 = 0

>= - 1/2 (x, - 20) (x, + 20)

 $=\frac{-1}{2}\left(\lambda_{1}^{T}\lambda_{1}-\lambda_{2}^{T}\lambda_{L}\right)$

 $b = \frac{||n||}{|n|} \longrightarrow \frac{b_5}{|n|} = ||n||_5$

 $\Gamma(n', r', \sigma) = \frac{1}{\|n\|_S} = \sum_{n=1}^{\infty} \sigma^n - \frac{1}{\|n\|_S}$

7+1 = 0

σως ξ 1/ 110112 + γ(PL x'+P-1)+ ν(DL x +>+1) ξ

Lacrange multiplia

