

习代替

J(N2)-N = J(N-1)-N + ||X[N-2] - Xd[N-2] | Q + ||U[N-2]| P

OJWN-N

0 N[M-2]

根据最低理论,若了1~1~~最中,其中包含的了1~1~这是最小

J到XM-XaMIs 控(11XM-Xa[NIG+114[的])

3= (X~-XYN)\_ [ED] (X~-XY~) =0

 $\chi_{akt} = Aa \chi_{ak} + Ba U_{k}$   $E_{k} = \chi_{k} - \chi_{k} = \underbrace{[I - I]}_{Ca} \underbrace{\chi_{ak}}_{Xak} = Ca \chi_{ak}$   $I = Aa \chi_{ak} + Ba U_{k}$   $E_{k} = \chi_{k} - \chi_{k} = \underbrace{[I - I]}_{Ca} \underbrace{\chi_{ak}}_{Xak} = Ca \chi_{ak}$ 

 $J = \frac{1}{2} \| e_{N} \|_{S}^{2} + \frac{1}{2} \frac{Z_{N}^{2}}{\| e_{N} \|_{Q}^{2}} + \| U_{N} \|_{R}^{2}$   $= \frac{1}{2} X_{\alpha_{N}}^{T} \frac{(a_{N}^{T} S(a_{N}^{T} X_{\alpha_{N}})}{(a_{N}^{T} S(a_{N}^{T} X_{\alpha_{N}}) + U_{N}^{T} R U_{R})}$   $= \frac{1}{2} X_{\alpha_{N}}^{T} \frac{(a_{N}^{T} S(a_{N}^{T} X_{\alpha_{N}}) + U_{N}^{T} R U_{R})}{(a_{N}^{T} S(a_{N}^{T} X_{\alpha_{N}}) + U_{N}^{T} R U_{R})}$ 

J= = XIN Sa Xan+ = = ( Xah Qa Xak + UR RUK)

故: (Xakt) = Aa Xak + Ba Uk

则

Ch = G Nak 未解出的治果是 5%

F思对多人的自然是 J= = = Por Sen+ = = 1 PROPA + Sup R SUR)

千滑輸入的製作 ×k+1:AXk+BUk -RI XR+1 = AXX+BDUR+BUR-1

泛指广向量 メルルニ 「がん」 以上 リトリ

 $e_k = \chi_{\alpha} \cdot \chi_{dk}$ =  $[1, -1, 0] \begin{bmatrix} \chi_{k} \\ \chi_{dk} \\ U_{k-1} \end{bmatrix} = C_{\alpha} \chi_{ak}$ Ch = (axak

Xakti = [Xkti] = [A O B] [Xk] + [B] BUK
UKT + [B] BUK

Ba \*a k+1 = Aa Xak + Ba DUk J== La Xak

J== La Xak

J== La Xak

N-1 eta ek+ alktrolle)

k=0 M-1 = = Xak (a S (a Nak + 1 = 1 | Nah (a g (a Nah + OUR R BUL)) XRH = A XR+ BUR 通过LOR计算管外设地资产等下