15.10.25

min
$$\frac{1}{2} \propto Px + q^{\dagger}x$$
; $J = U^{\dagger}(...)U + ...U$
s.t. $Gx \leq h$
 $Ax = b$
 $B \leq x \leq ub$; $U^* = -...$

PYHKLYUOHAN CTOUM. TP. OT U:

$$J = (U^{T}(\hat{B}^{T}\hat{O}\hat{B} + \hat{R})U + 2x_{o}^{T}\hat{A}^{T}\hat{O}\hat{B}U + x_{o}^{T}\hat{A}^{T}\hat{O}\hat{A}x_{o}$$

OFPANUYENUS: IF (& Fmox

$$U = \begin{pmatrix} u_0 \\ u_1 \\ \vdots \\ u_{N-1} \end{pmatrix}$$

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CTA BUNUZALGUS OBPATHORO MASTHUKA

$$\overline{x} = \begin{pmatrix} 0 \\ 0 \end{pmatrix}, \quad \overline{u} = (\tau)$$

$$\theta = \frac{9}{1} \sin \theta + \frac{\tau}{ml^2}$$

B PAZHBIX ROJMH. X KOHTPONNEPH MOTYT BUTB PAZHBIMU

DACKA YUBAHUE - MONOX.

TOPMOXEHUE BOKP. (0,0) - PD

