## KKT杀什

$$min f_{o}(x)$$
  
 $S_{o}t_{o}f_{o}(x) \leq 0$   
 $h_{o}(x) = 0$   
拉於胡日來  $b$ .  
 $L(x,y) = f_{o}(x) - \sum A_{o}f_{o}(x)$   
 $\lambda \leq 0$ 

min 
$$CTX$$
  
S.t.  $Ax=b$   
 $X>0$   
 $L(x,\lambda,V)=C^TX-\lambda^T(Ax-b)-V^TX$ 

$$\Leftrightarrow$$
  $C^TX = \lambda^T b$   
 $A^Tb = g(\lambda) = \inf_{X} L(X, \lambda, v) = C^TX$