$$\frac{\partial P}{\partial z} = 2x^{T}(x^{T}-y) + 2x^{T}\hat{z}$$

$$= 2F(x^{T}x) - 2x^{T}x + 2x^{T}\hat{z}$$

$$= 2F(x^{T}x) - 2x^{T}x + 2x^{T}\hat{z}$$

2. perive expression for argming
$$l(\beta)$$
 minimizing $l(\beta)$, $\frac{\partial}{\partial \beta} l(\beta) = 0$

P = (xTx+xI) xTy CIT=IJ | argmin of lep) 0 = (8), (4) 1 . (4) 1 . June アタン・キーローメアリンでと