	m	l	
n	1111111	θ	
	L	4	n

$$|| Y - X\Theta ||^{2} = (Y - X6)^{T} (Y - X9) = Y^{T}Y - [0^{T}x^{T}Y - Y^{T}XO + O^{T}x^{T}XO)$$

$$O = \frac{d\Delta}{dO} = \frac{d(-\frac{1}{2}\sqrt{T}XO + O^{T}x^{T}XO)}{dO} = -2\sqrt{T}X + 2O^{T}, X^{T}X - Y^{T}X - Y^{$$

XTAXXO -> PSD

$$= 0^{T}X^{T}X + P0^{T}I = \gamma^{T}X$$

$$X\gamma^{T} = \chi^{T}X\theta + P1\theta$$

$$= \chi^{T}X + P1\theta$$

$$= \chi^{T}X + P1\theta$$

$$= \chi^{T}X + P1\theta$$

$$= \chi^{T}X + P1\theta$$

Edenmoes