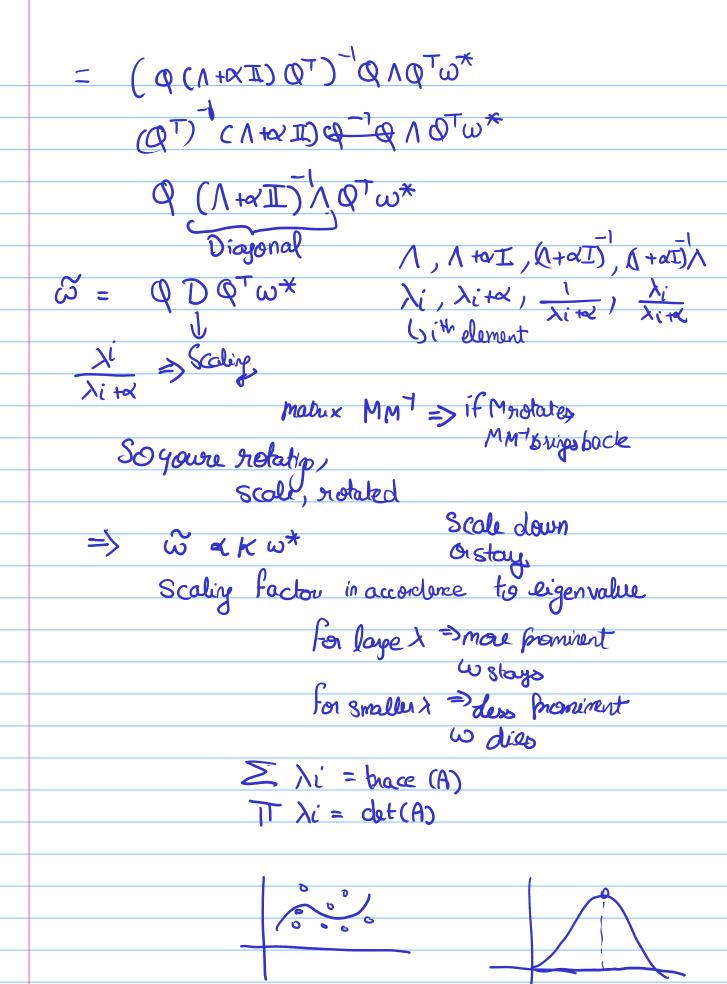
$$L(\omega) = \frac{1}{2} \sum_{j=1}^{n} (y-T)^{2}$$

$$J(\omega) = \frac{1}{2} \sum_{j=1}^{n} (y-T)^{2} + \alpha(|\omega||^{2})$$

$$VL(\omega) = \frac{1}{2} \sum_{j=1}^{n} (y-T)^{2} + \alpha(|\omega||^{2})$$

$$= \frac{1}{2} \sum_{j=1}^{n} (y-T$$

(::90T=I)



$$P(x,y)$$

$$= \int P(x,y) dy$$

$$= \int P(x,y) dy$$

$$= \int P(x,y) dy$$

iid > MLE
$$P(a_i, x_i, x_k...)$$
 7
 $(2\pi - 2) exp \{ -(t_i - y_i)^2 \} = M$

derivathe =
$$2(t_i - x_i w) \alpha_i = 0$$

$$\Rightarrow$$
 $(t_i - \alpha_i \omega) \alpha_i$

$$\frac{\max - (t_i - x_i \omega)^2}{\Rightarrow \min (t_i - x_i \omega)^2}$$

P(
$$\mu$$
) + fruer, uniform distribution

P(obs) = mormal

P(μ) T(obs) => Posterior

MLE

P(u) T(obs) => Posterior

MLE

P(u) T(obs) => Posterior

MLE

P(u) T(obs) => Posterior

P(u) T(obs) => Posterior

P(obs