Tuesday, April 21, 2020 6:00 PM

MLE estimate (6) for 0:

$$\hat{O} = \operatorname{argmin}_{O} \left\{ -\log(\beta_{O}(\lambda, y)) \right\}$$

= arginin
$$2 - \log \left(\frac{1}{(2\pi \sigma^2)^{\frac{1}{2}}} \right) \left(\frac{1}{2\pi \sigma^2} \right)^{\frac{1}{2}} \left(\frac{1}{2\pi \sigma^2} \right)^{\frac{1}{$$

=
$$alzgmin$$
 $+ Kp log(270^2) + 1/2 ||v_K - f_o(y_K)||^2$ }

$$\widehat{O} = \operatorname{argmin}_{O} \left\{ \sum_{k=0}^{K-1} \| x_{k} - f_{O}(y_{k}) \|^{2} \right\}$$

FONC:
$$\nabla_{0} \leq \|x_{k-1}\|^{2} \|x_{k-1}\|^{2} = 0$$

$$= \sum_{k=0}^{|K-1|} (z_{k} - f_{0}(y_{k})) \cdot \nabla_{0} f_{0}(y_{k}) = 0$$

Solution to the above equation gives the extende &