

Separator Tankier Jonos Wagner 2020-10-23
Estimator Propositi measured Einfut

[w] $\frac{\text{Initilize:}}{\hat{X}(0)} = \begin{bmatrix} X_5(0) \\ X_4(0) \end{bmatrix} \hat{V}(0) = \begin{bmatrix} \hat{Q}_1(0) \\ \hat{Q}_2(0) \end{bmatrix}$ 1) Dynamics Quess/volate: $\hat{X}(4) = f(\hat{X}(4), \hat{U}(4))$ $\hat{X}(t+ab) = \hat{X}(b)$ @to 2) Measurment Update/Quess: $(+) = f(\hat{x}(t), \hat{v}(t)) + f(\hat{x}(t), \hat{v}(t))$ at o 3) Check Error State: Detector? $\hat{\chi}(t) = \hat{\chi}(t)$ $\hat{\chi}(t) = \hat{\chi}(t)$ of the Estimate update: Acount for uncertainty?

Constant? tuned X(++0+)=X(++0+)+ K(*(++0+)(+X(++0+)) @ +,