$_nonlinear_model \begin{cases} \dot{x} = f\left(x\right) + G\tau \\ y = h\left(x\right) \end{cases}$

$\begin{cases} \dot{x}_\delta = f_\delta\left(x_\delta, \delta_c\right) \\ \delta = h_\delta\left(x_\delta\right) \end{cases} eq_intro_vsys\in$
$R^n\tau y \in$
$R^m\delta \in$
$\Omega \subset$
R^p
$G \in$
$R^m f :$
$R^n \rightarrow$
$R^n g :$
$R^n \times$
$R^p \rightarrow$
$R^n h :$
$R^n \rightarrow$
$R^m {}_atuacor_\delta \in$
$R^q\delta_c \in$
Ω
$f_\delta :$
$R^q \rightarrow$
$R^q h_\delta :$
$R^q \rightarrow$
$R^p\tau \in$
$\Phi \subset$
$R^m m <$
p
$\tau =$
$M(x, \delta)$
$M :$
$R^n \times$
$R^p \rightarrow$
$R^m m\tau$
$\Omega R^p\Omega\delta M R^p R^m \Phi\tau \in$
$\Phi\tau$
$_intro_vsys\tau_c \in$
$R^m\tau_c\tau_{ce}ffetor_modeleq_atuacor\delta_c \in$
$\Omega\tau\tau_{ci}ntro_vsys$
$\delta\delta_{0e}ffetor_model\delta_0$
$\tau =$
$B\left(\delta - \delta_0\right) +$
τ_0
$\tau_0 M\left(x, \delta_0\right)$
$B\partial\tau\partial\delta =$
$\begin{bmatrix} \partial\tau_1\partial\delta_1 & \partial\tau_1\partial\delta_2 & \cdots & \partial\tau_1\partial\delta_p \\ \partial\tau_2\partial\delta_1 & \partial\tau_2\partial\delta_2 & \cdots & \partial\tau_2\partial\delta_p \\ & & & \\ \partial\tau_m\partial\delta_1 & \partial\tau_m\partial\delta_2 & \cdots & \partial\tau_m\partial\delta_p \end{bmatrix}$
$B \in$
$R^{m\times p}B\tau_0 \mathbf{?}\delta_0\tau_0\delta_{0t}aylereq_effetor_model$
$\delta)B\tau_{0t}ayler\tau =$
$B\delta +$
η
$\eta =$
$\tau_0 -$
$B\delta_0\tau =$
$\tau_c -$
η
$\tau =$
$B\delta$
$_linear_model$
$\delta_{ca}tuacor\delta =$
$\delta_c\delta$
$\tau =$
$\tau_c -$
$\eta B\Omega\delta\tau =$
$B\delta\delta \in$
Ω_linear_model
$\tau\delta\mathbf{??}$
ΩR^p

$\delta\delta_{1,\min}\delta_{2,\min}\delta_{p,\min}\overline{\delta} = \delta_{1,\max}\delta_{2,\max}\delta_{p,\max}, \delta = \delta_1\delta_2\delta_p$

$\forall i =$
$1, 2, \ldots, p\delta_{i,min} \leq$
$\delta_i \leq$
$\delta_{i,max}\underline{\delta} \leq$
$\underline{\delta} \leq$
$\overline{\delta}$
$\Omega =$
$\left\{\delta | \underline{\delta} \leq \delta \leq \overline{\delta}\right\}$
$_linear_model AMSAMSeq_linear_model[\mathbf{?}]\delta_0 Tu_m$
$_m \leq$
$\delta -$
$\delta_0 \leq$
Tu_m
$\overline{\delta}' =$
$\min\left\{\overline{\delta} - \delta_0, Tu_m\right\}$
$\underline{\delta}' =$
$\max\left\{\underline{\delta} - \delta_0, -T\right\}$
$\Delta\delta =$
$\delta -$
δ_0
$\Omega =$