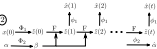


①



②



F : nonlinear map w.r.t. ODE evolution

$$\text{Loss: } \|x - \hat{x}\|_2^2 + \left\| \frac{d}{dt}x - \frac{d}{dt}\hat{x} \right\|_2^2 + \|\alpha - \hat{\alpha}\|_2^2 + \left\| \frac{d}{dt}\phi_1 x - \frac{d}{dt}\hat{x} \right\|_2^2 + \|x - \hat{x}\|_2^2 + \|x - \phi_1(\hat{x})\|_2^2$$