

DynamicalSystem

Full Phase Space

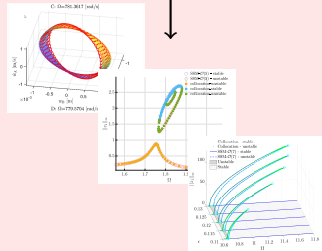
Full Dynamical System
 $\dot{x} = f(x, t)$

Manifold

Reduction to SSM:
Compute Manifold

Parametrisation Space

Analyse reduced dynamics
 $\dot{\mathbf{p}} = \mathbf{R}_\epsilon(\mathbf{p}, \Omega, t)$



SSM

Map back via
SSM parametrisation \mathbf{W}_ϵ

Full Phase Space

