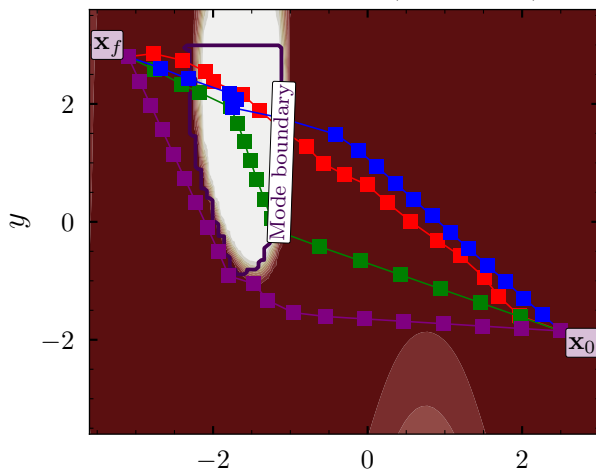
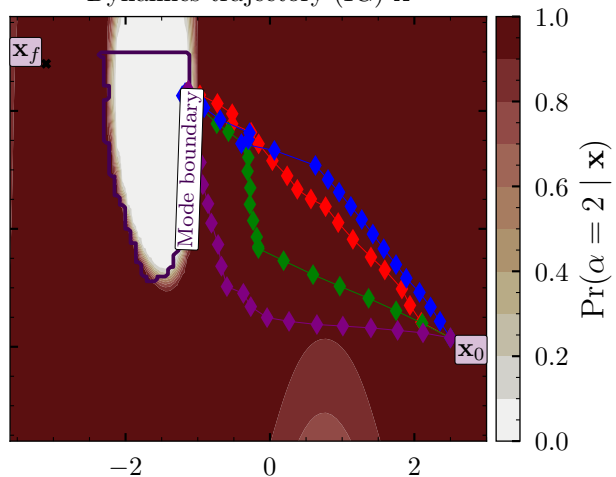


Collocation trajectory (IG_{collocation}) $\bar{\mathbf{z}}$ 

- x
 —■— IG_{collocation} $\lambda = 5.0$
 —■— IG_{collocation} $\lambda = 1.0$
 —■— IG_{collocation} $\lambda = 0.5$
 —■— IG_{collocation} $\lambda = 1.0$ (mid point)

Dynamics trajectory (IG) $\bar{\mathbf{x}}$ 

- x
 —◆— IG $\lambda = 5.0$
 —◆— IG $\lambda = 1.0$
 —◆— IG $\lambda = 0.5$
 —◆— IG $\lambda = 1.0$ (mid point)