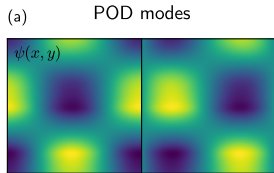
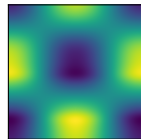


Case 1, modes 1+2



(b)



Eigenmode

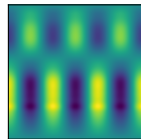
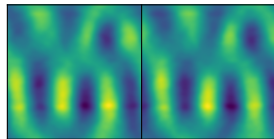
$$k_x = 1, k_y = 1$$

$$\omega_{eig} \approx -4.33$$

$$\omega_{POD} \approx -4.32$$

$$\omega_{0,k} = -4.0$$

Case 2, modes 5+6



$$k_x = 3, k_y = 1$$

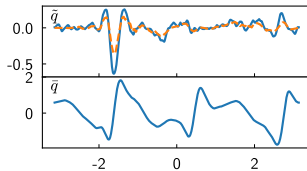
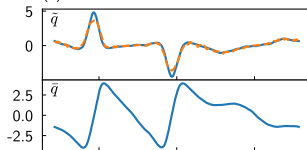
$$\omega_{eig} \approx -2.53$$

$$\omega_{POD} \approx -2.51$$

$$\omega_{0,k} = -2.4$$

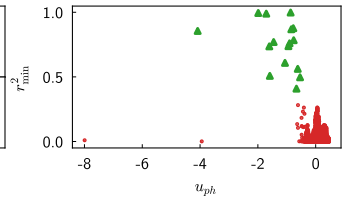
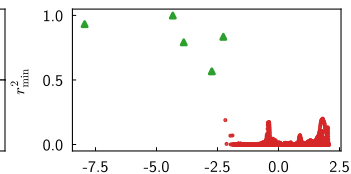
(c)

PV Comparison

 y

(d)

Coherent Eigenmodes

 u_{ph}