

Eigenmode

POD modes

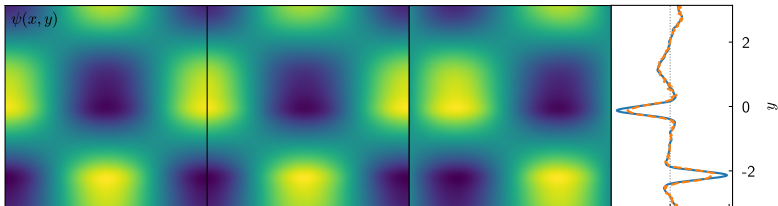
Case 1, modes 1+2

$$k_x = 1, k_y = 1$$

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

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

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



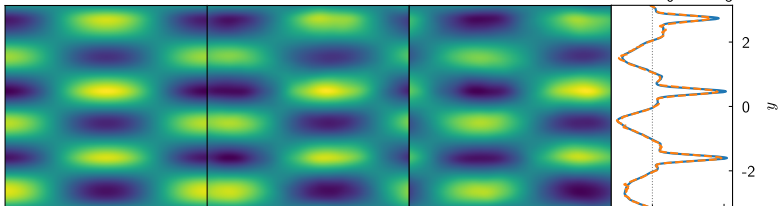
Case 2, modes 1+2

$$k_x = 1, k_y = 3$$

$$\omega_{eig} \approx -0.87$$

$$\omega_{POD} \approx -0.86$$

$$\omega_{0,k} = -0.8$$



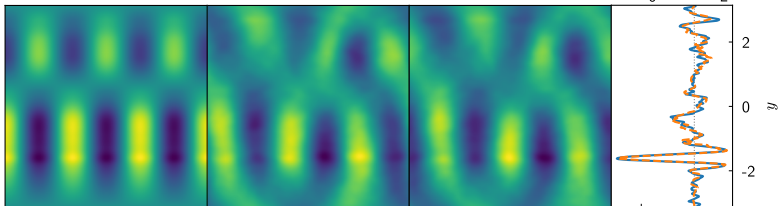
Case 2, modes 5+6

$$k_x = 3, k_y = 1$$

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

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

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



-0.25 0.00

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