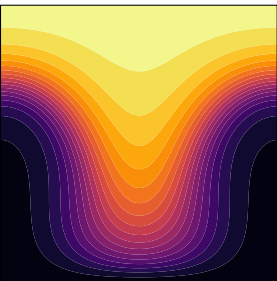
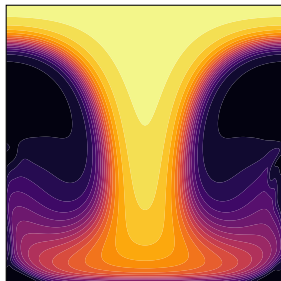


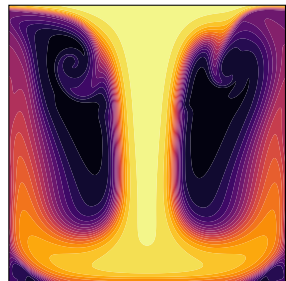
(a) Single-mode perturbation



(a1) $t = 3$

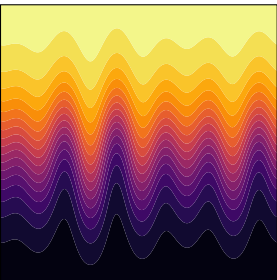


(a2) $t = 4$

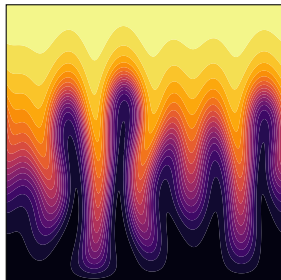


(a3) $t = 5$

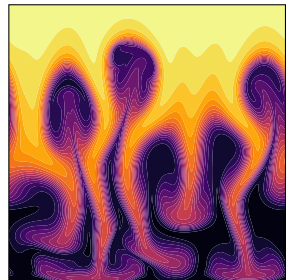
(b) Multi-mode perturbation



(b1) $t = 1$



(b2) $t = 2$



(b3) $t = 3$