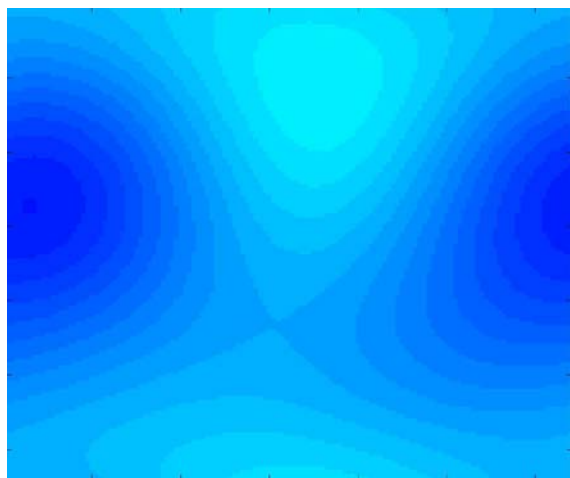
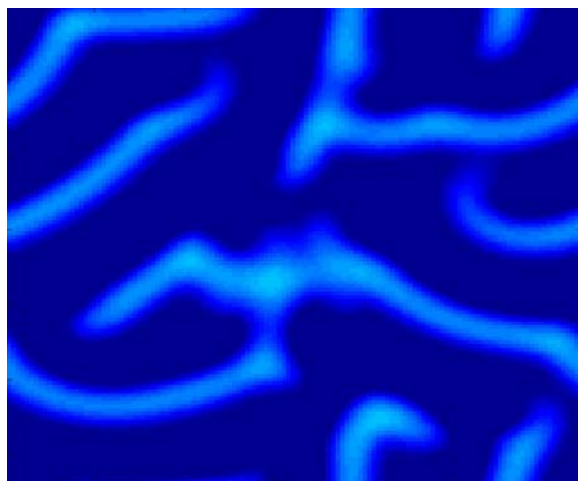


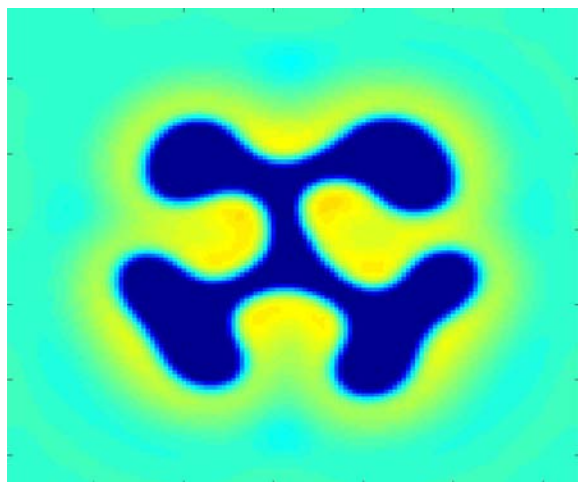
when initial vertical perturbation is made in the 2D domain (c) Spotlike pattern when initial vertical and horizontal perturbation is made in the 2D domain.



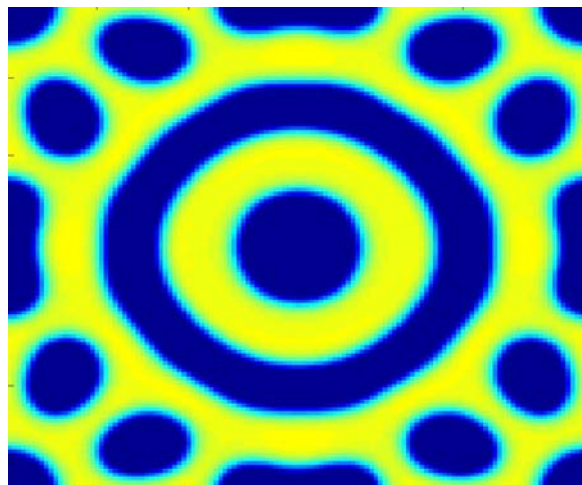
(a)



(b)



(c)



(d)

Fig. 5: Some different from simulations in the parameter space. (a) $\varepsilon = 0.3$, $f = 1$, $q = 0.0008$, $D_1 = 3$, $D_2 = 0.03$, $\Delta t = 0.0025$. (b) $\varepsilon = 0.4$, $f = 0.1$, $q = 0.0008$, $D_1 = 1$, $D_2 = 0.03$, $\Delta t = 0.0025$. (c) $\varepsilon = 1$, $f = 0.57$, $q = 0.002$, $D_1 = 1$, $D_2 = 75$, $\Delta t = 0.0025$. Localized initial perturbation in the centre domain. (d) $\varepsilon = 1$, $f = 0.59$, $q = 0.002$, $D_1 = 1$, $D_2 = 75$, $\Delta t = 0.0025$. Circle initial perturbation in the 2D domain.