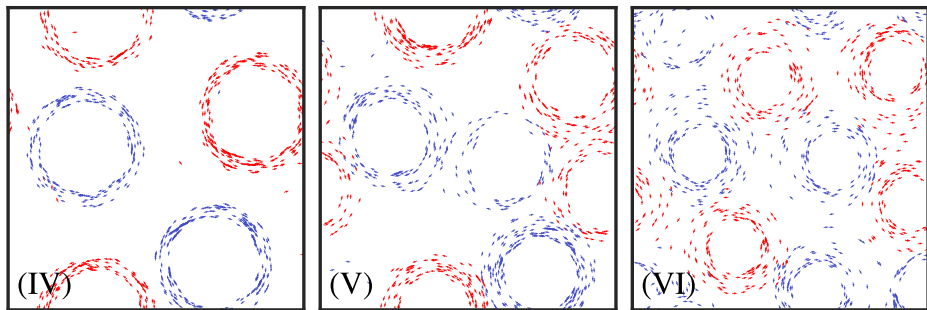
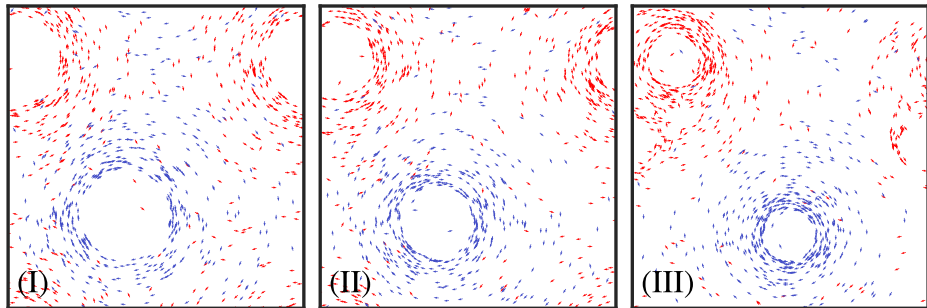
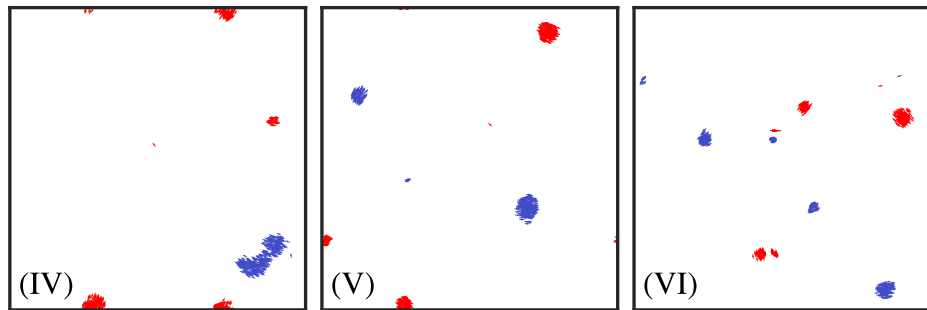
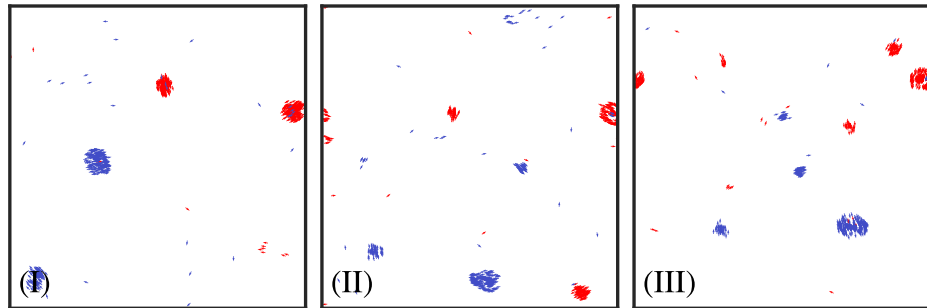


(a)

 $\omega_{\max}=2$ $\omega_{\max}=2.5$ $\omega_{\max}=3.5$

(b)

 $\omega_{\max}=2$ $\omega_{\max}=2.5$ $\omega_{\max}=3.5$