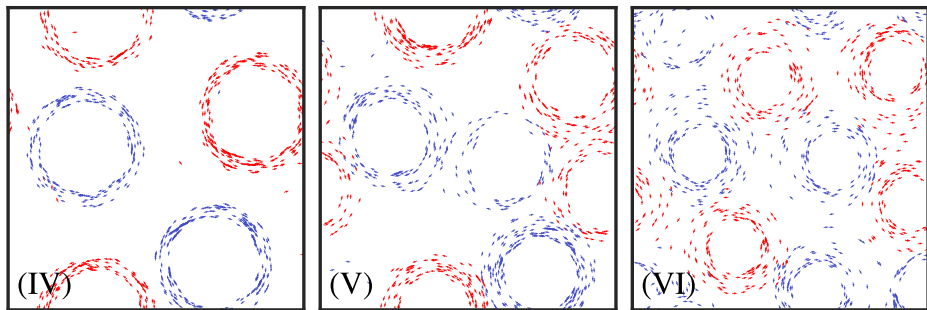
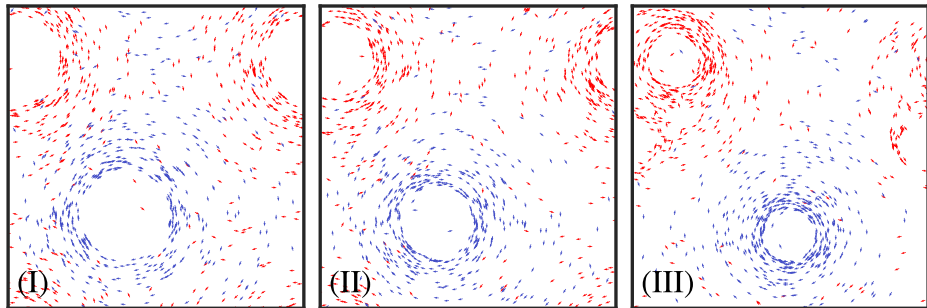
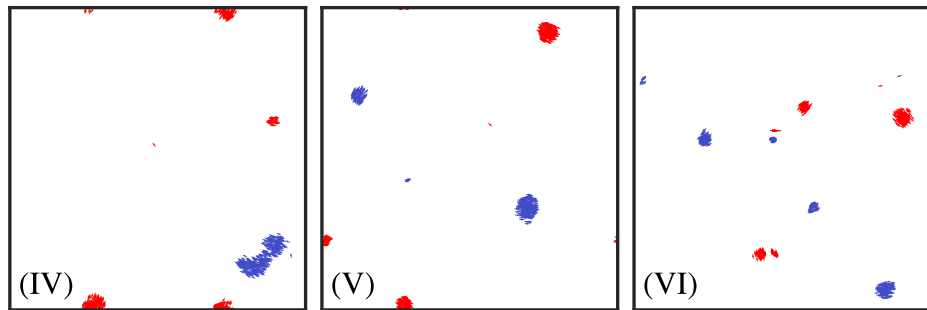
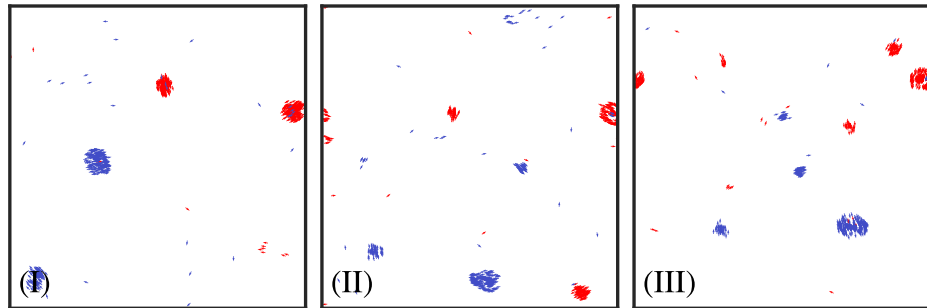


(a)

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

(b)

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