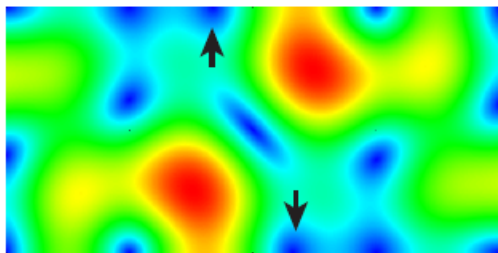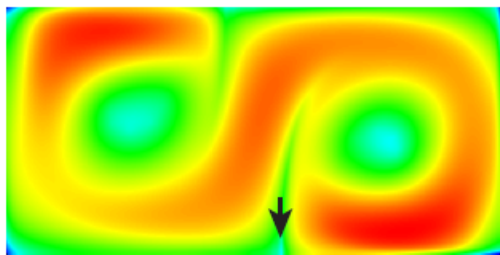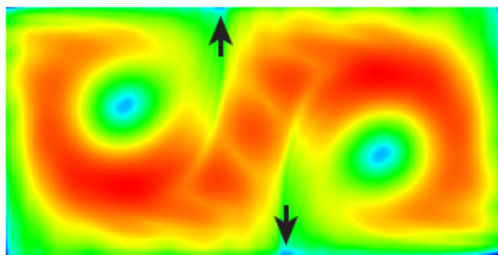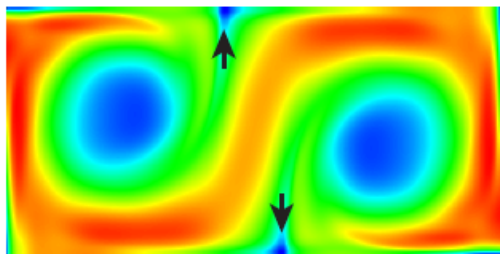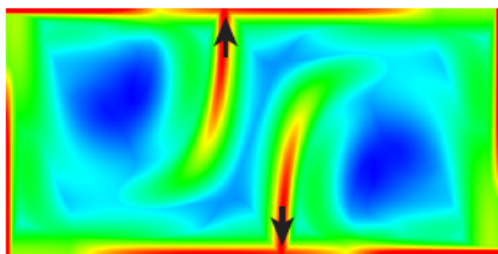(a) velocity magnitude

(b) acceleration magnitude

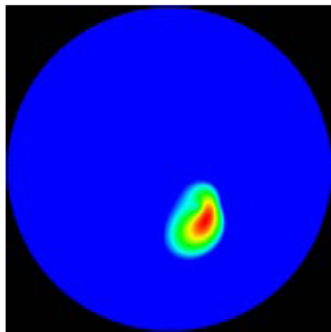(c) velocity magnitude filtered

(d) accel. magnitude filtered

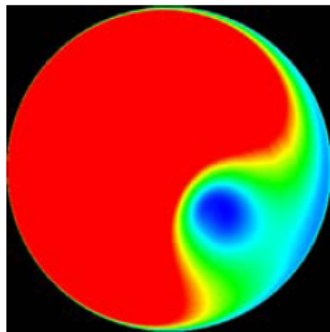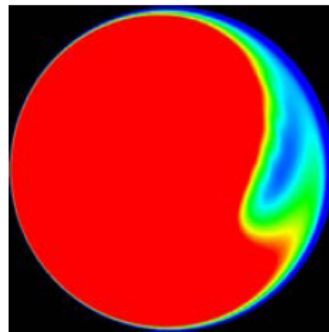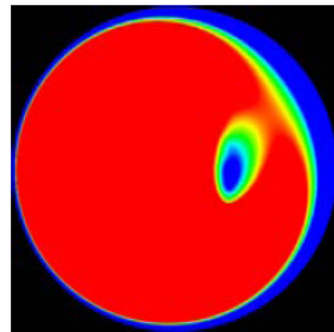(e) unsteadiness

(f) FTLE

(1) small temporal filter

FTLE   unstead.   accel. mag.   velo. mag.

(2) large temporal filter