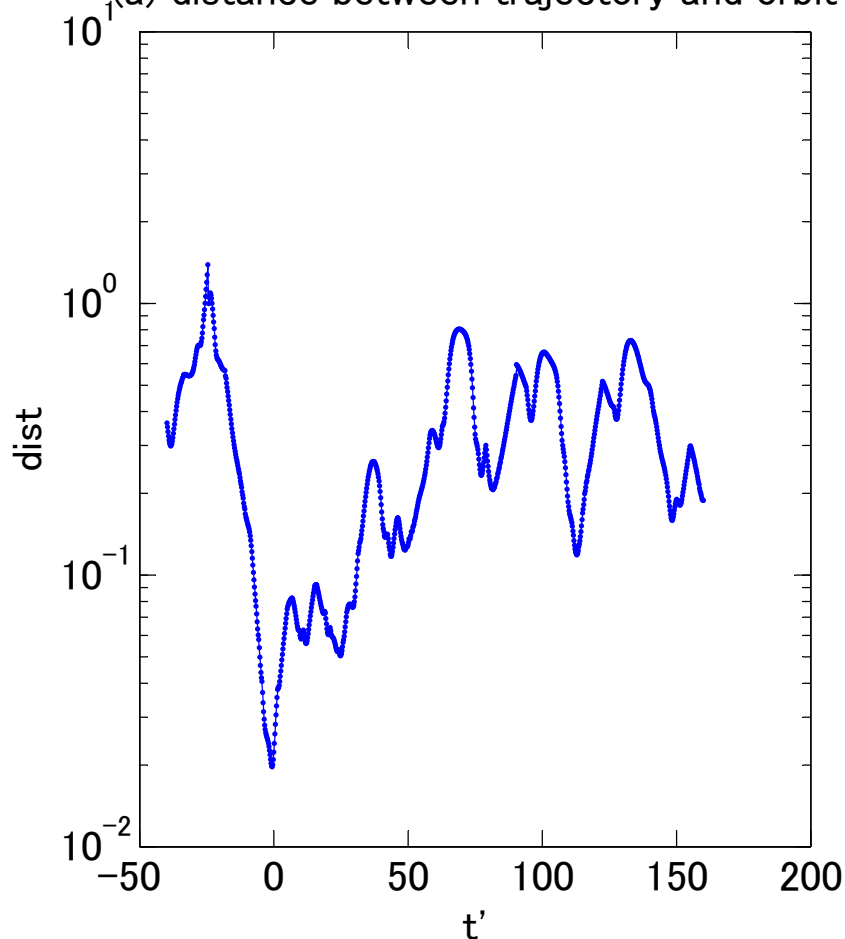
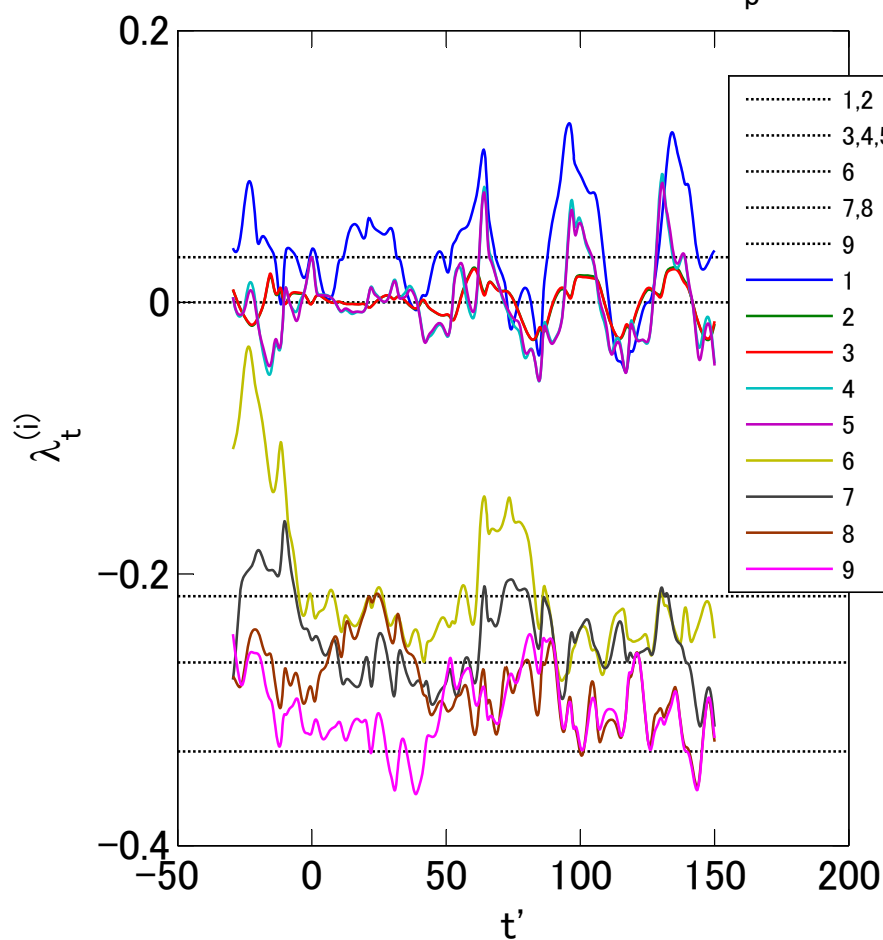


approaching event at  $t=31175.0$

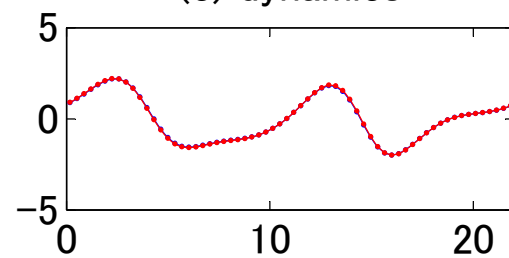
(a) distance between trajectory and orbit



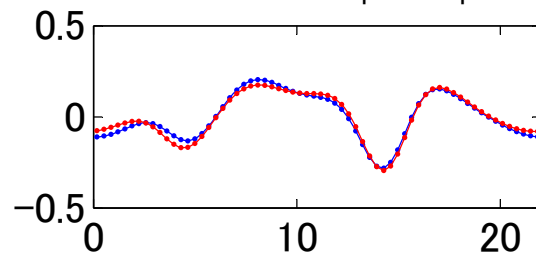
(b) FTLE averaged over  $2T_p$



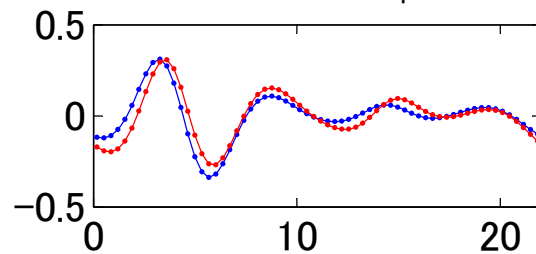
(c) dynamics



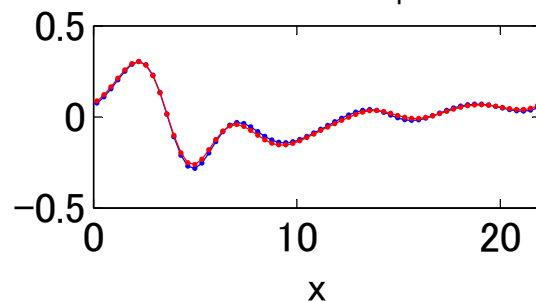
(d)  $v^{(1)}$  vs  $av_p^{(1)} + bv_p^{(2)}$



(e)  $v^{(6)}$  vs  $v_p^{(6)}$



(f)  $v^{(9)}$  vs  $v_p^{(9)}$



(g) angle between  $v^{(i)}$  and  $v_p^{(i)}$

