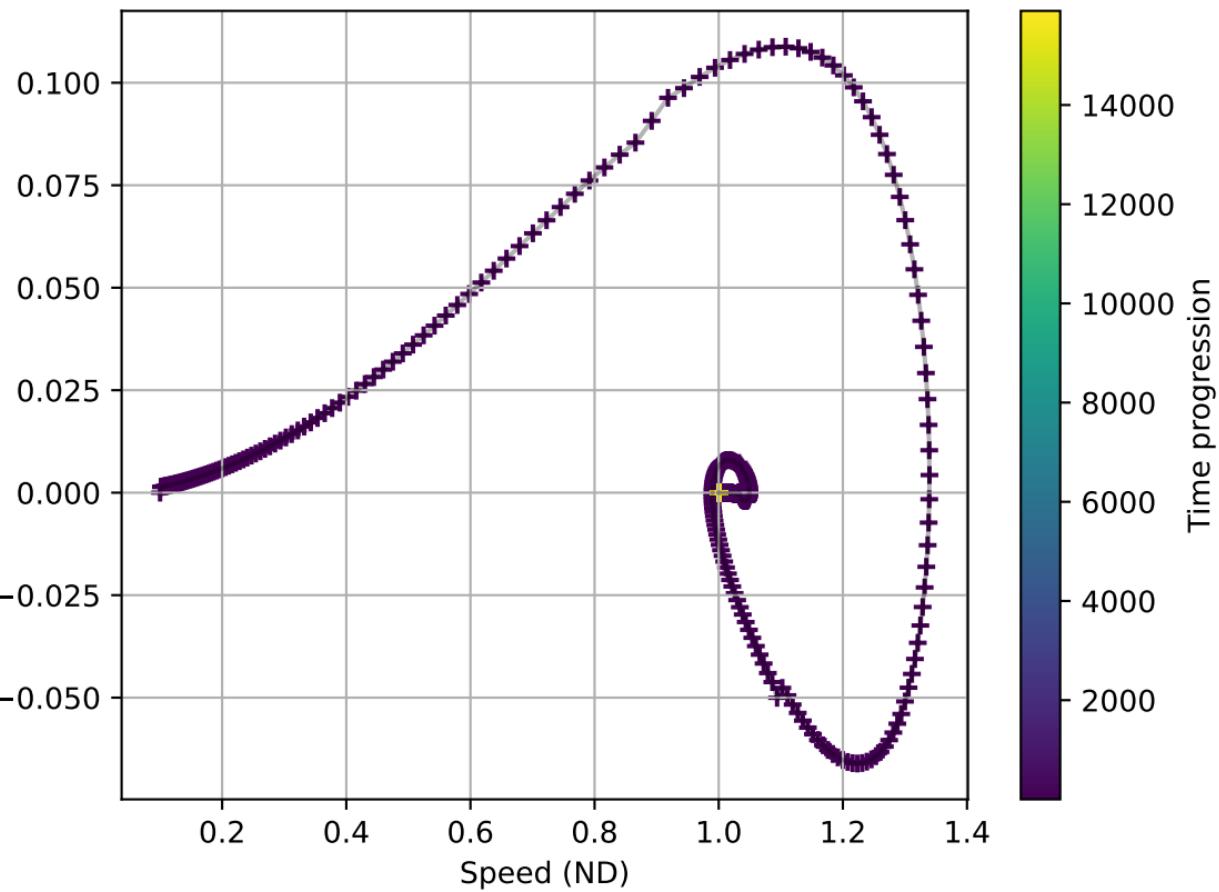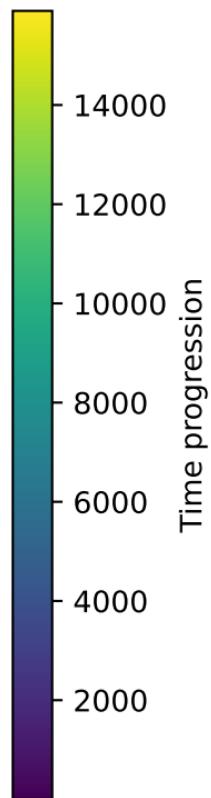Phase portrait ($\kappa$=0.40, $\alpha$=1.30)