Tube of the state vy with perturbating the parameters kf, ktau, gx, gy and m 3.5 3.0 2.5 The state vy 1.5 1.0 -0.50.0 -0.50.5 1.5 2.0 2.5 3.0 1.0 3.5 0.0 4.0 time(sec) [m]