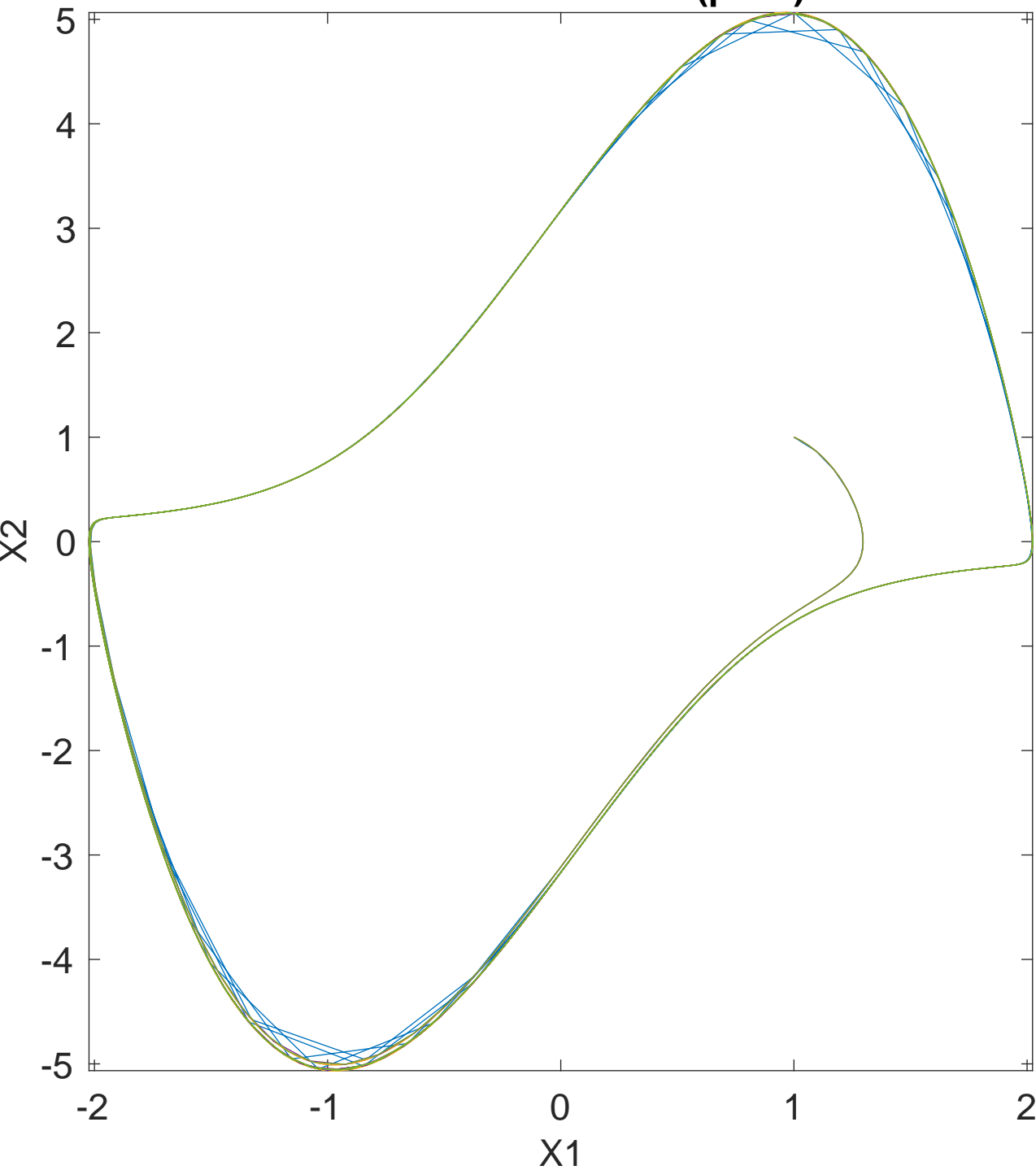
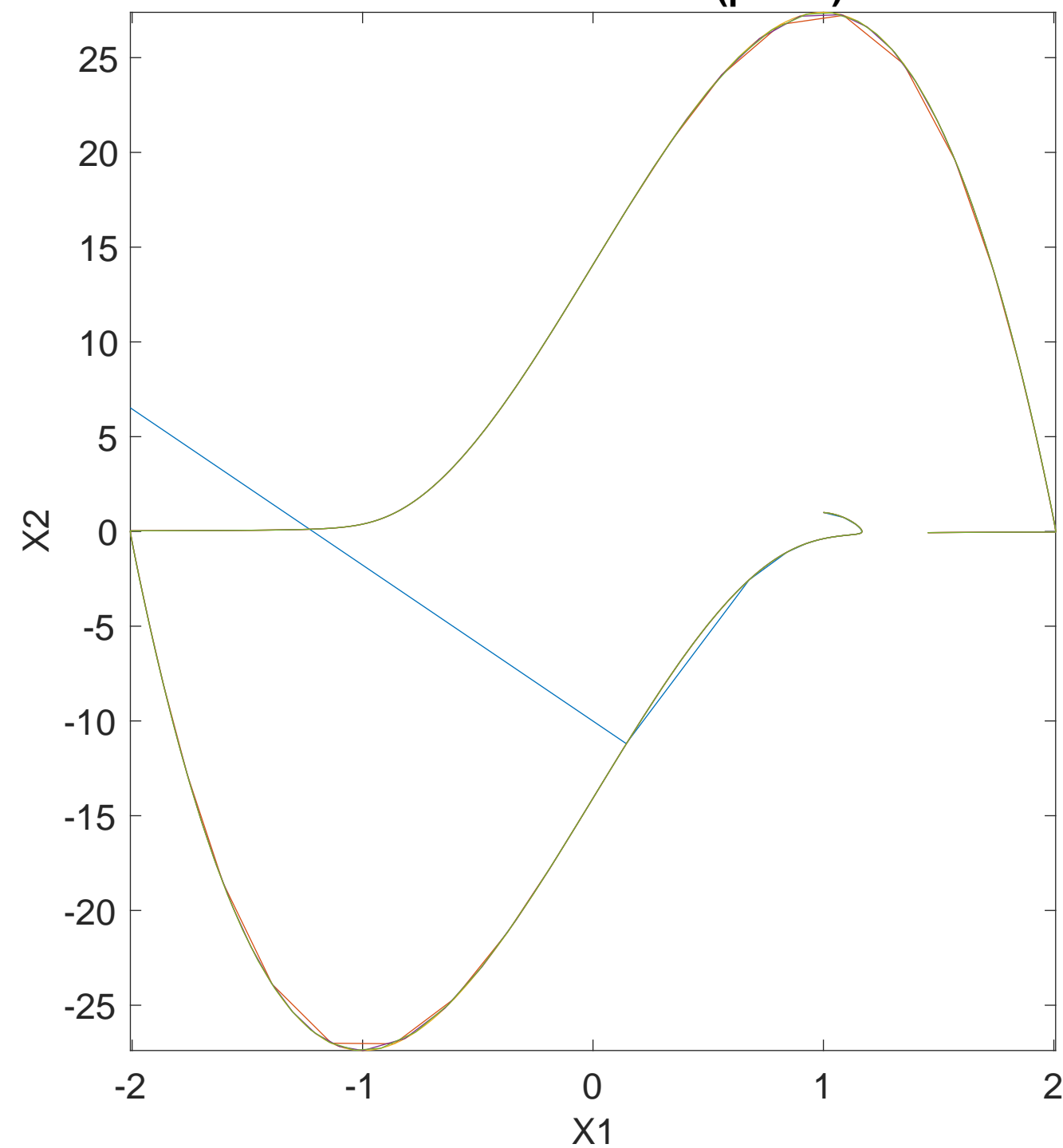


Van Der Pol Solution ( $\mu = 3$ )



- Fixed Classical RK,  $h = 0.1$  (steps = 320)
- Fixed Classical RK,  $h = 0.01$  (steps = 3200)
- Fixed Classical RK,  $h = 0.001$  (steps = 32000)
- ode45, tol = 0.0001 (steps = 725)
- ode15s, tol = 0.0001 (steps = 578)

Van Der Pol Solution ( $\mu = 20$ )



- Fixed Classical RK,  $h = 0.1$  (steps = 320)
- Fixed Classical RK,  $h = 0.01$  (steps = 3200)
- Fixed Classical RK,  $h = 0.001$  (steps = 32000)
- ode45, tol = 0.0001 (steps = 1617)
- ode15s, tol = 0.0001 (steps = 289)