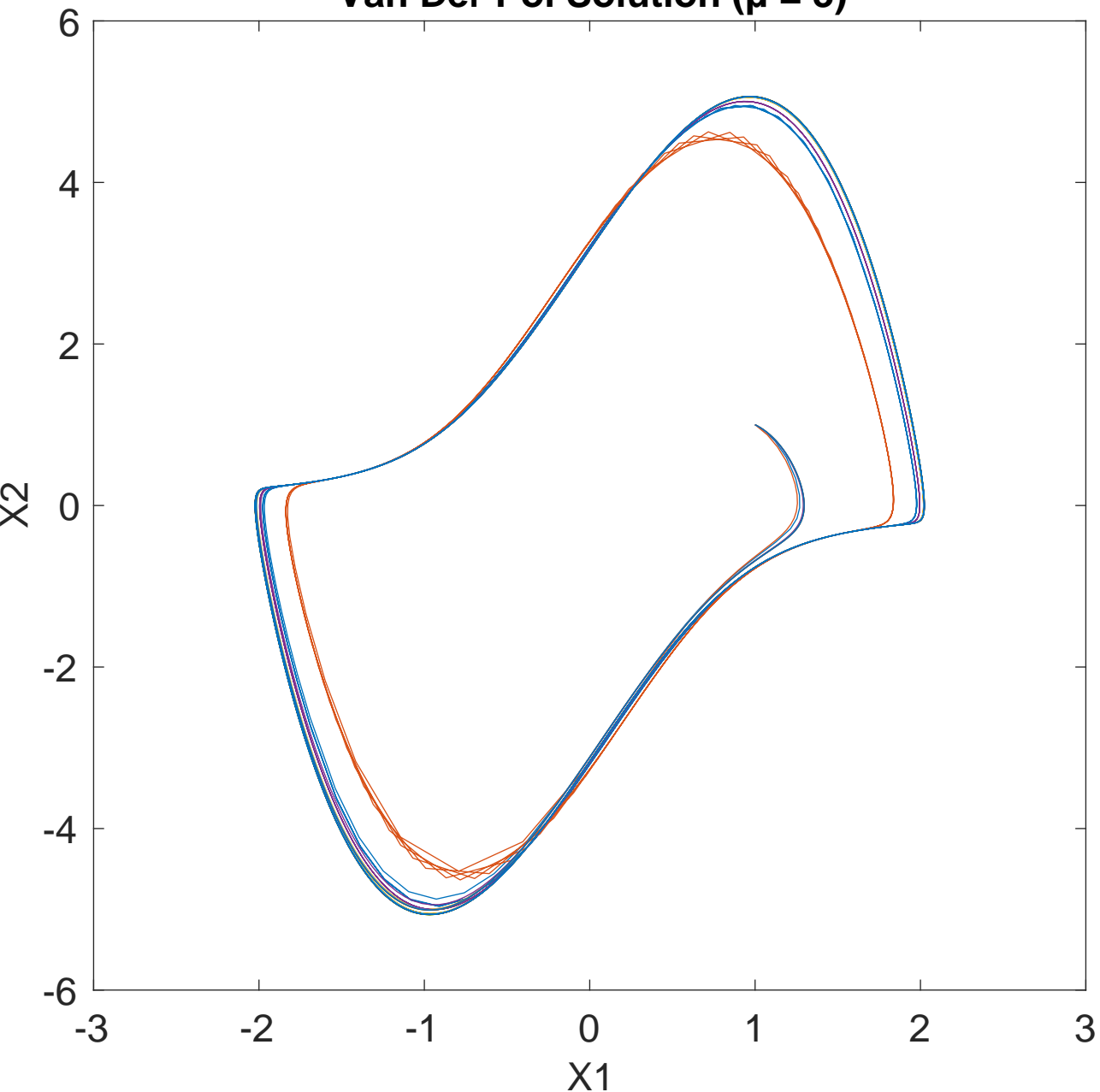
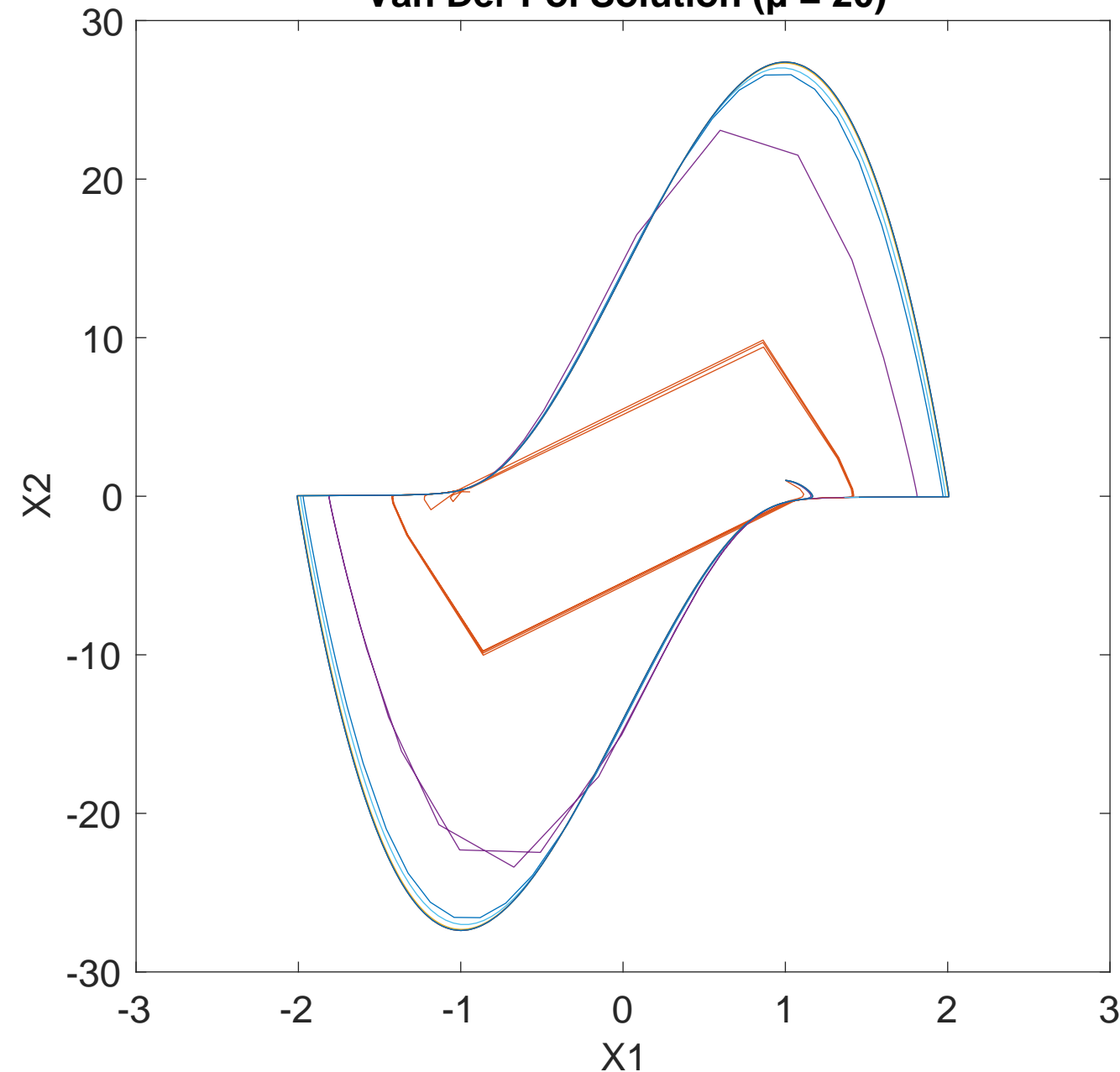


Van Der Pol Solution ( $\mu = 3$ )



- Adaptive Implicit Euler, tol = 0.01 (steps = 375)
- Fixed Implicit Euler, h = 0.0027 (steps = 375)
- Adaptive Implicit Euler, tol = 0.0001 (steps = 3027)
- Fixed Implicit Euler, h = 0.00033 (steps = 3027)
- Adaptive Implicit Euler, tol = 1e-06 (steps = 34980)
- Fixed Implicit Euler, h = 2.9e-05 (steps = 34980)
- ode45, tol = 1e-06 (steps = 1681)
- ode15s, tol = 1e-06 (steps = 1149)

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



- Adaptive Implicit Euler, tol = 0.01 (steps = 168)
- Fixed Implicit Euler, h = 0.006 (steps = 168)
- Adaptive Implicit Euler, tol = 0.0001 (steps = 1436)
- Fixed Implicit Euler, h = 0.0007 (steps = 1436)
- Adaptive Implicit Euler, tol = 1e-06 (steps = 18294)
- Fixed Implicit Euler, h = 5.5e-05 (steps = 18294)
- ode45, tol = 1e-06 (steps = 2117)
- ode15s, tol = 1e-06 (steps = 581)