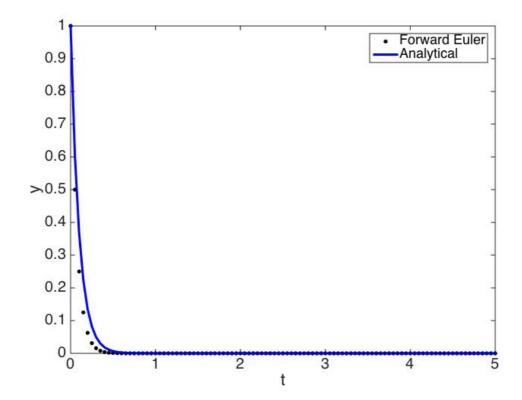
ME40064: System Modelling & Simulation ME50344: Engineering Systems Simulation

Tutorial 7: Time Integration Schemes

Example Solutions

1. Sample code for integrating the equation using the forward Euler method:

Sample plot for this scheme for dt = 0.05:



2. Sample code for integrating the equation using the backward Euler method:

Sample plot for this scheme for dt = 0.05:

