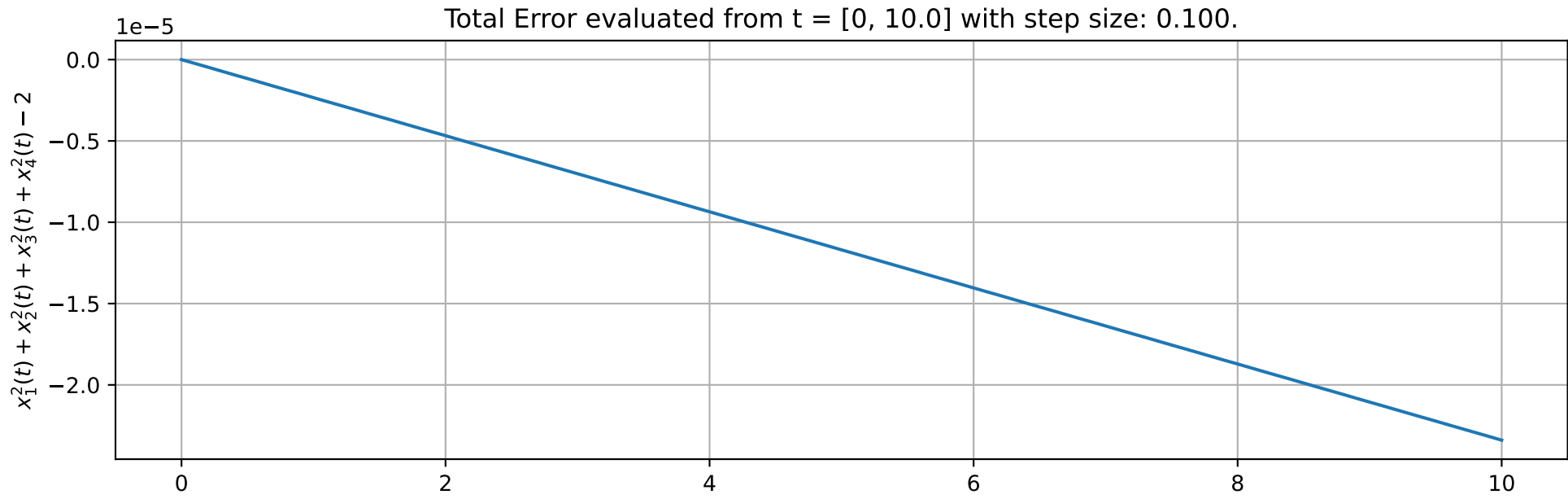
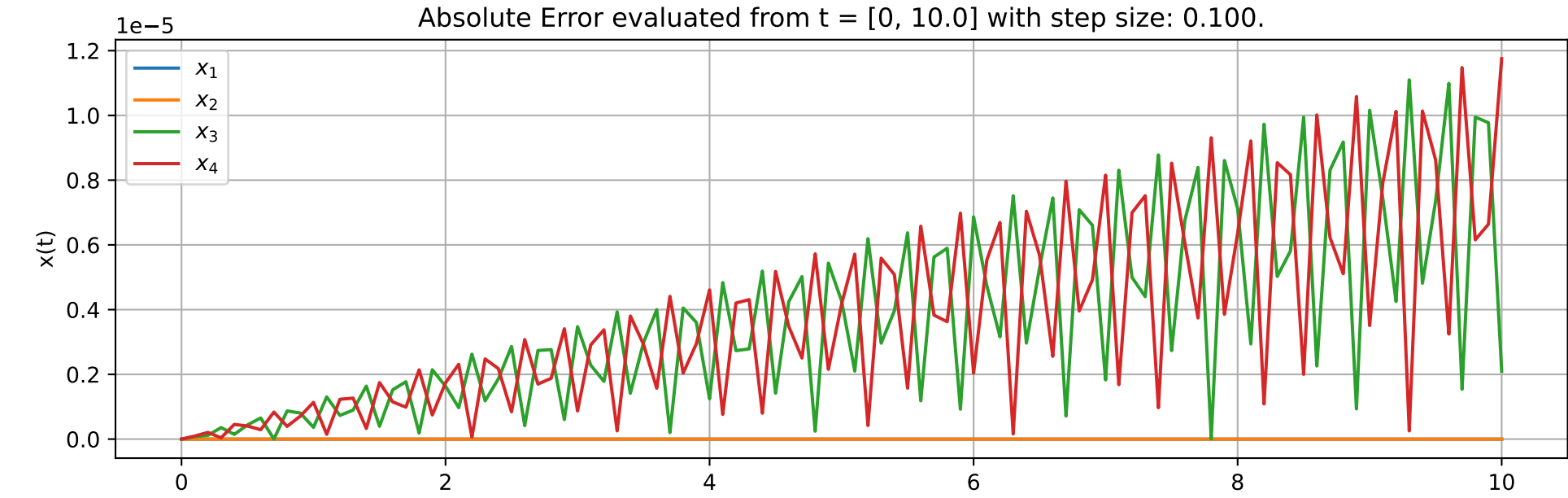
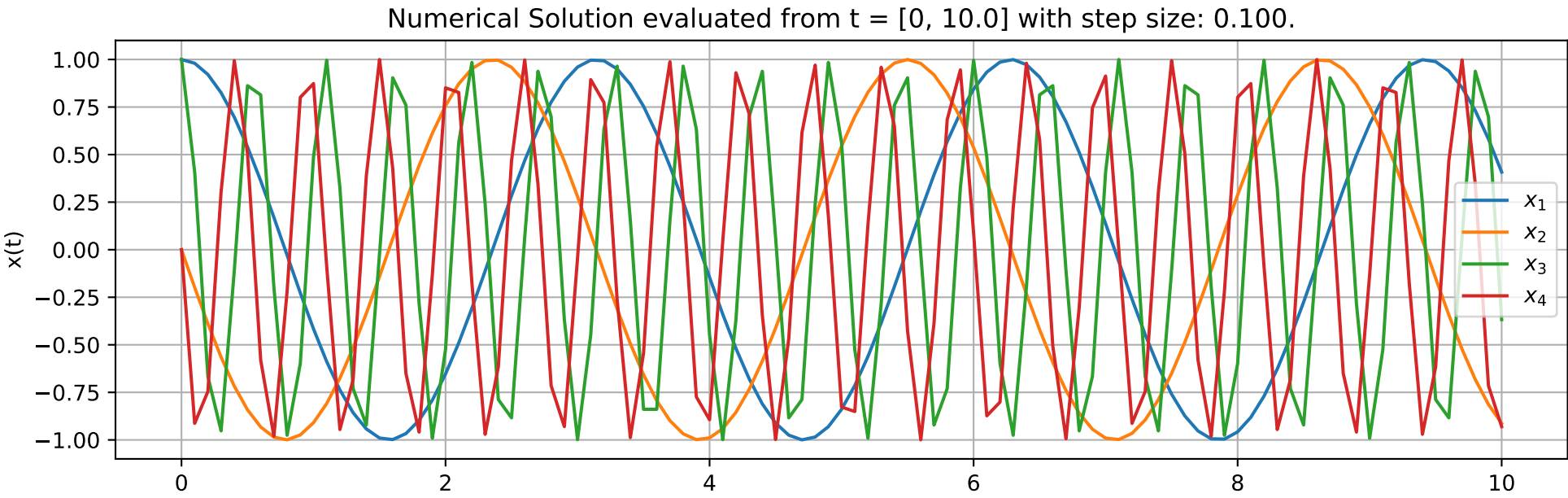
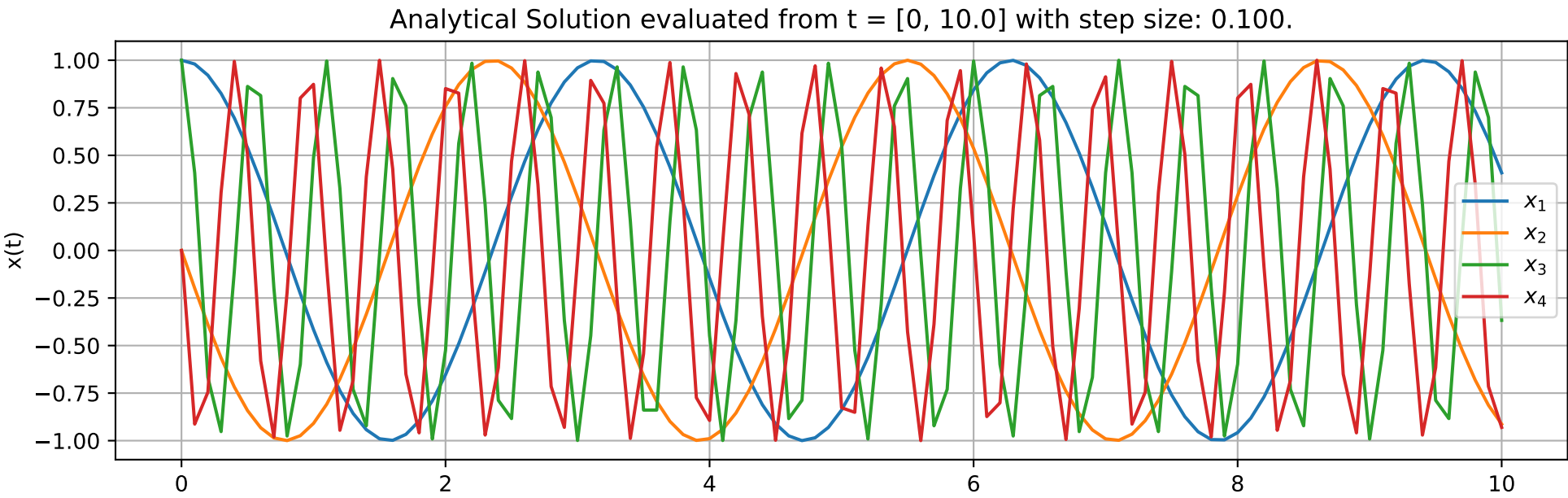


\* This plot shows the whole range  $t=[0,10]$  with a relatively big step size for plot clarity. \*



Maximum Error for  $x_1$ : 7.327e-15  
Maximum Error for  $x_2$ : 7.438e-15  
Maximum Error for  $x_3$ : 1.110e-05  
Maximum Error for  $x_4$ : 1.175e-05

Tolerance based on  $x_1^2(t) + x_2^2(t) + x_3^2(t) + x_4^2(t) - 2$ : [-2.340e-05, 0.000e+00]