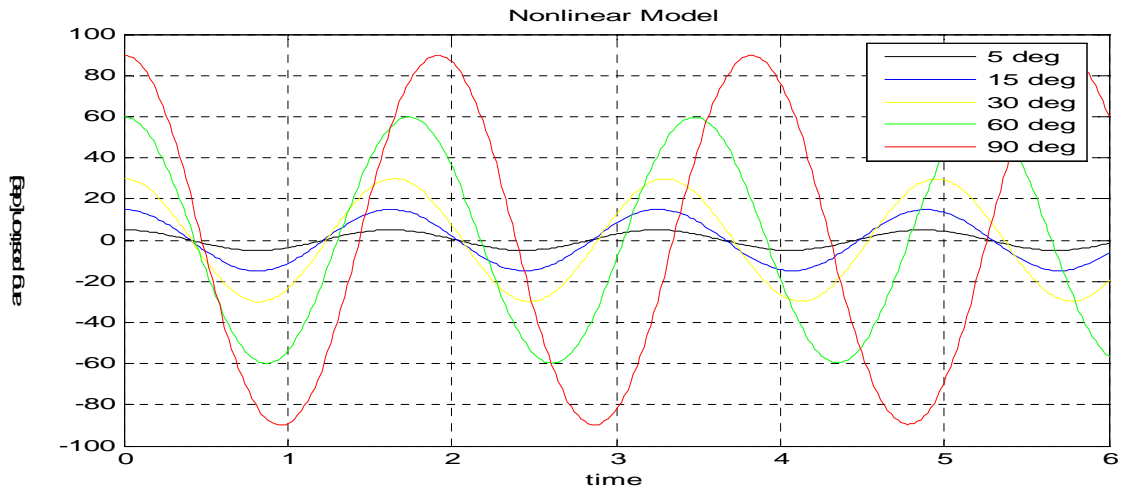


Problem 12.2
Part a)



Part c) Analytical Solution:

$$x = 0.8184e^{-1.25t} \sin(3.6657t)$$