# Simulation results

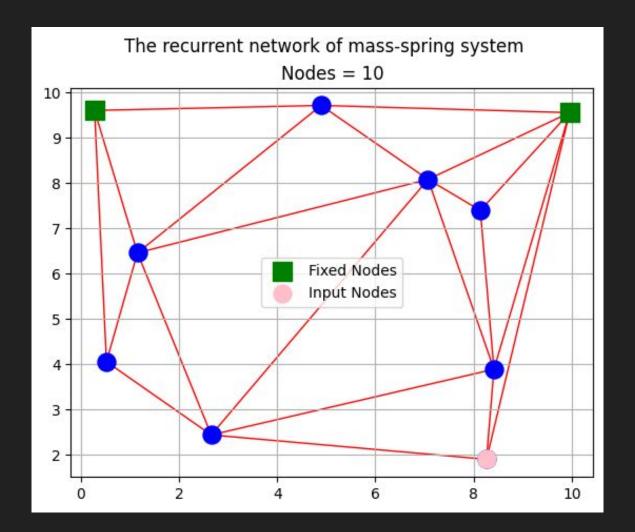
The nodes are fixed, and position of nodes,k1,k3,d1,d3 are randomly chosen.

The range for nodes position = [0,10] The range for k1,d1 = [1,100] The range for k3,d3 = [1,10]

The weights were also randomly chosen between [-1,1]

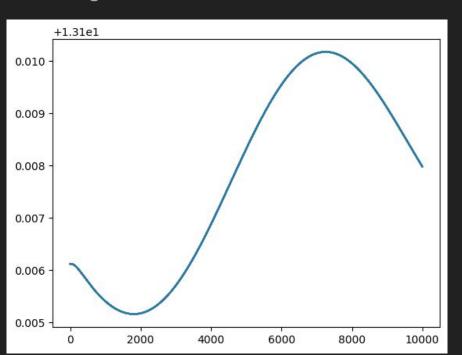
# Simulation 1

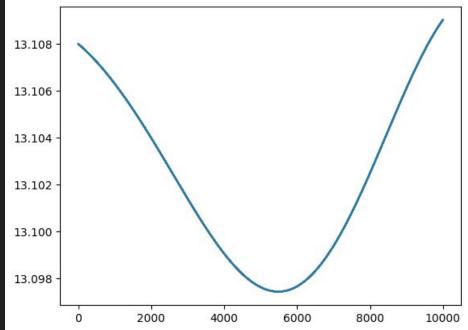
Nodes = 10 Network ->



#### Input: Sin wave

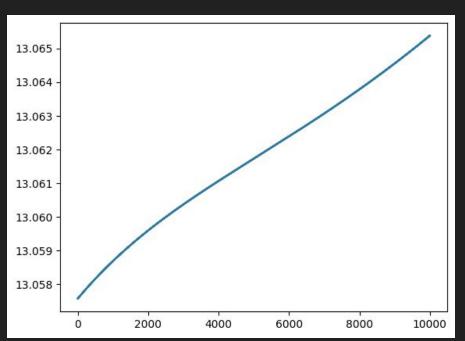
Runge - Kutta Method

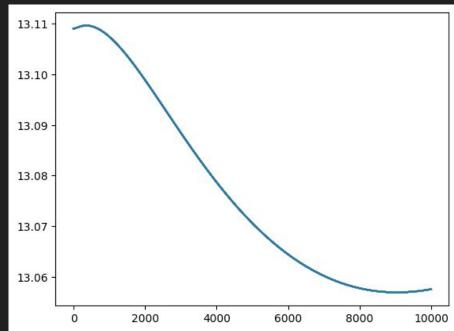




#### Input: 5 units linear

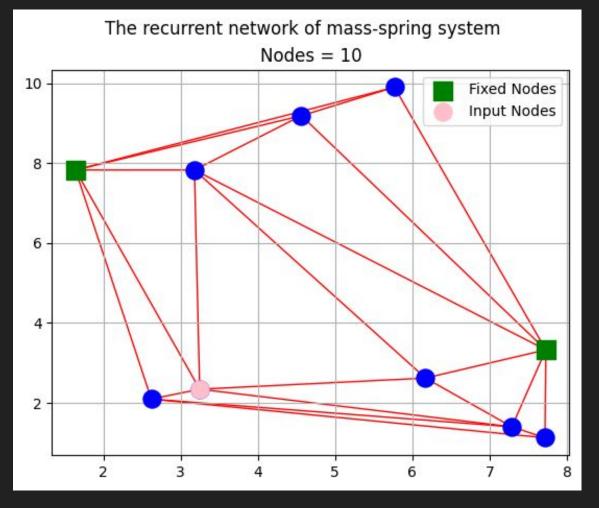
Runge - Kutta Method





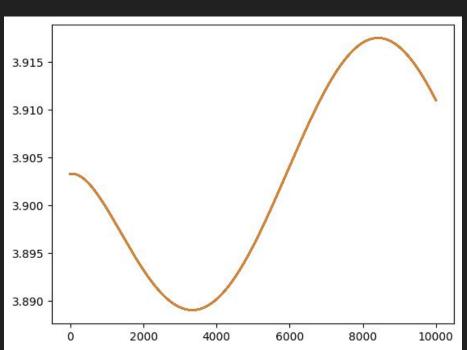
## Simulation 2

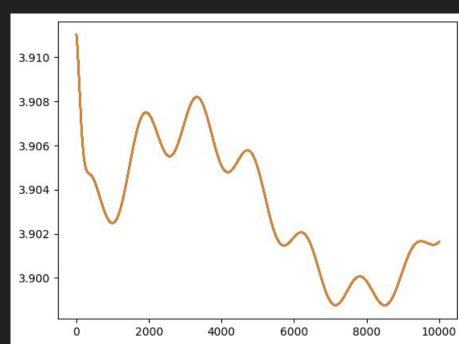
Nodes = 10 Network ->



Input: Sin wave

Runge - Kutta Method





2000

4000

4.4

4.2

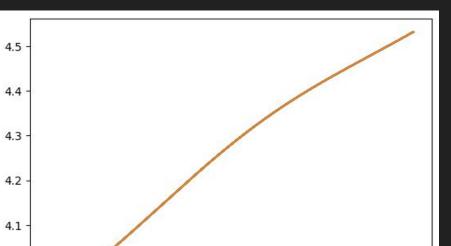
4.1

4.0

3.9

Input: 5 units linear

Runge - Kutta Method



6000

8000

10000

