Graphical user interface, chart

Description automatically generatedGraphical user interface, chart

Description automatically generatedGraphical user interface, chart

Description automatically generated

Graphical user interface

Description automatically generated

Graphical user interface, chart

Description automatically generatedGraphical user interface, chart

Description automatically generated

Graphical user interface, chart

Description automatically generated

Graphical user interface, chart

Description automatically generated

Chart

Description automatically generated

Part C-

(vi) My simulations matched my results from my analysis as all my errors are decreasing and are approaching zero or show GUUB. And all my Lyapunov function is shown to be stable as it is going to zero as time goes to infinity.