**Taller 2 (punto 4)**

**Presentado por:**

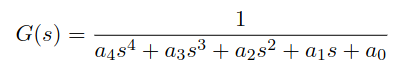
* Camila Lozano Jiménez - código 20201020161.
* Juan Felipe Rodríguez Galindo - código 20181020158.

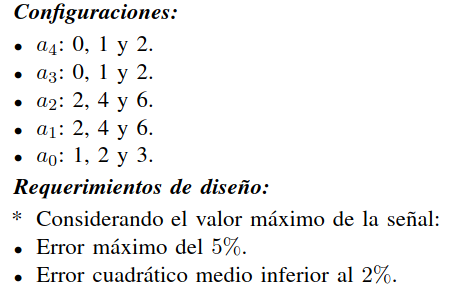
**Enunciado:**

**IV. REDES NEURONALES Y MODELAMIENTO DE**

**SISTEMAS DINÁMICOS**

Realizar el modelamiento del siguiente sistema empleando redes neuronales.

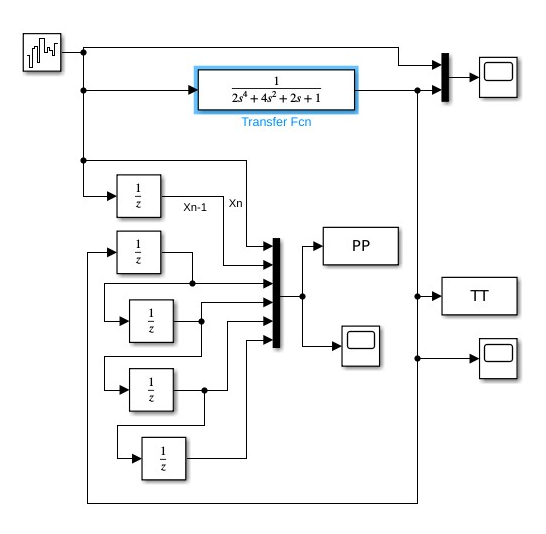




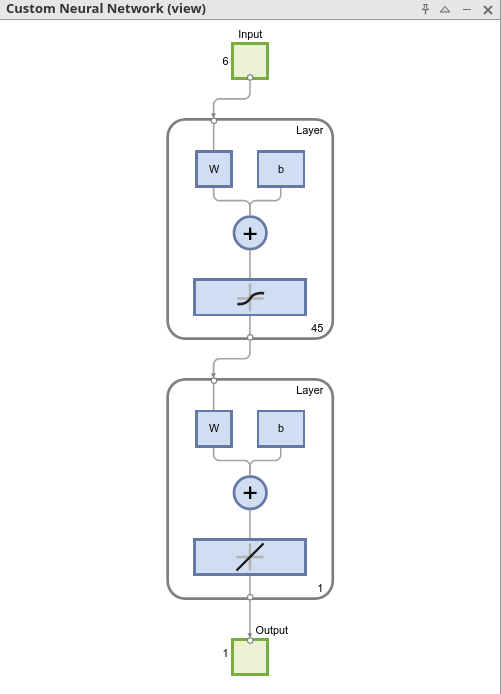
***Configuraciones:***

* C = 2
* A = 0
* B = 4
* A = 2
* A = 1

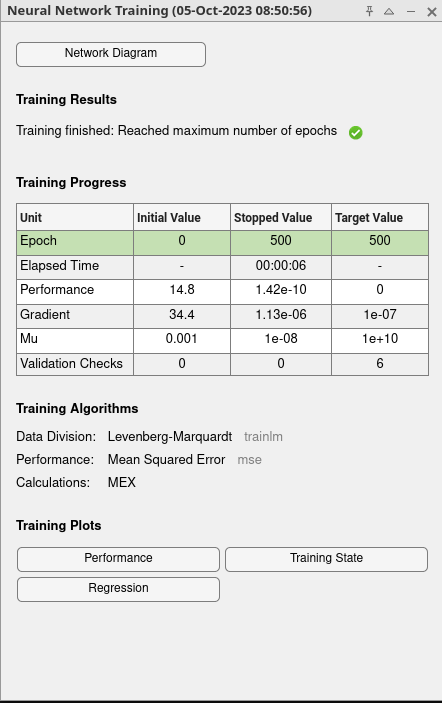
**Desarrollo**



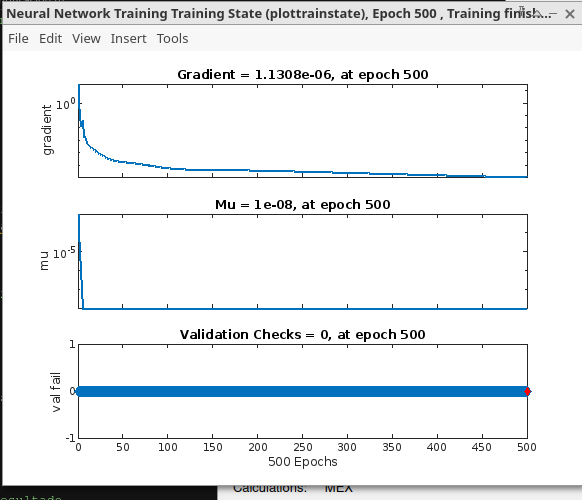
Configuración Simulink.



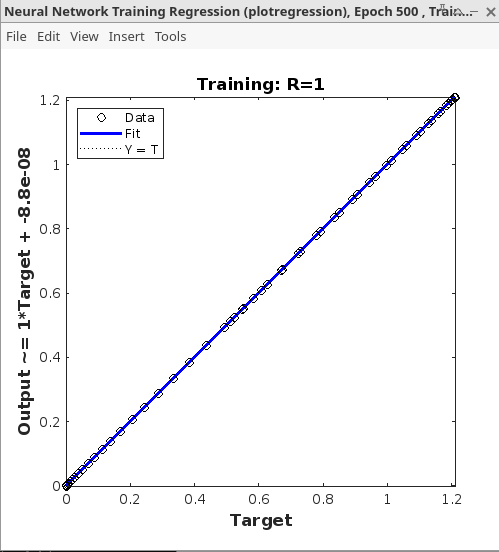
Red neuronal



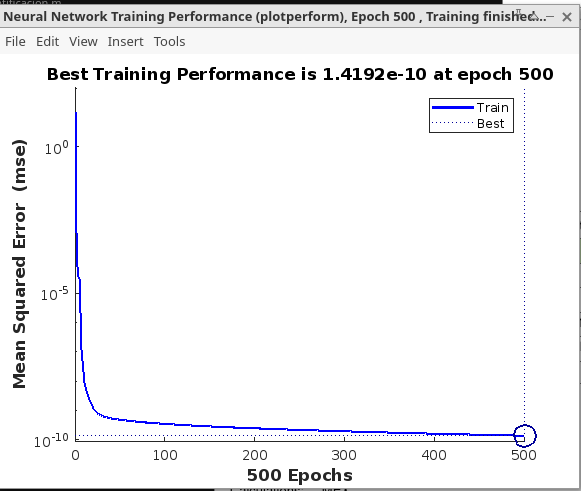
Propiedades red neuronal



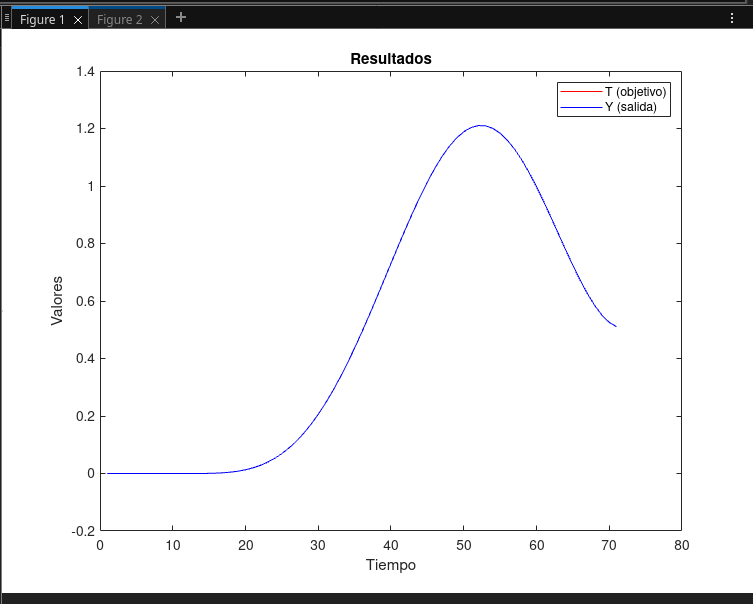
Entrenamiento red neuronal.



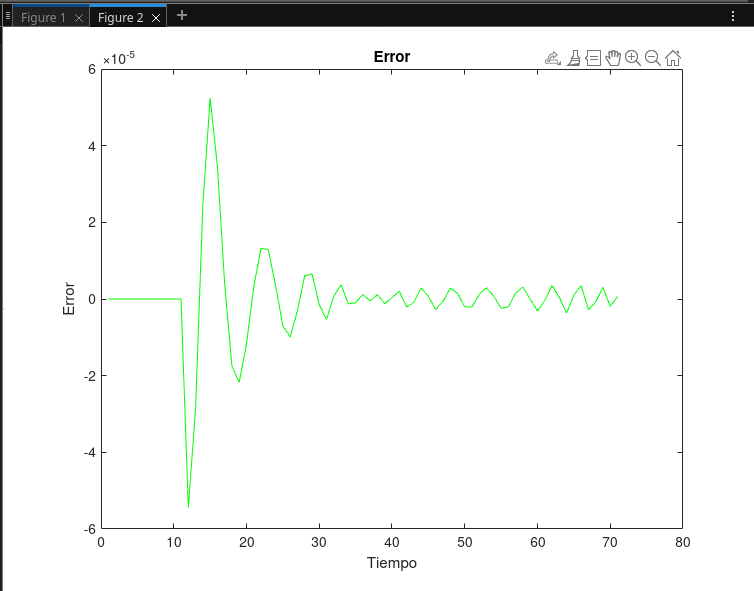
Regresión de aprendizaje.



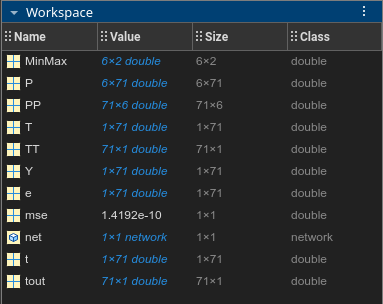
Mejor resultado red neuronal.



Señal red neuronal.



Error



Workspace

Valor MSE 1.41928e-10.