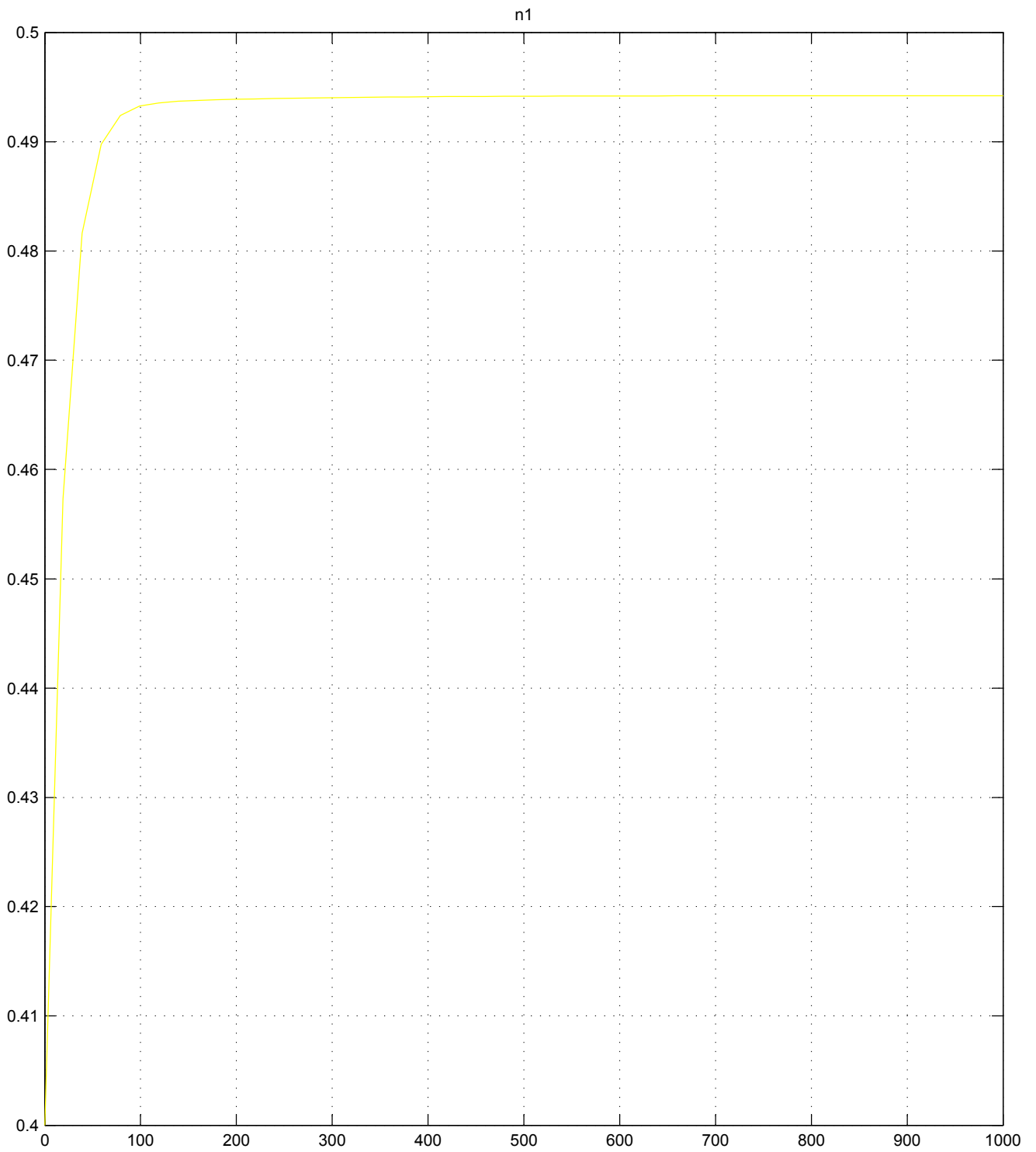


Time offset: 0



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$$W = \begin{bmatrix} 2.15568 & -0.035206 \\ -0.035213 & 2.1522 \end{bmatrix}$$

$$v_1 := \begin{bmatrix} 0.5 \\ 0.25 \end{bmatrix} \quad v_2 := \begin{bmatrix} -0.5 \\ 0.5 \end{bmatrix}$$

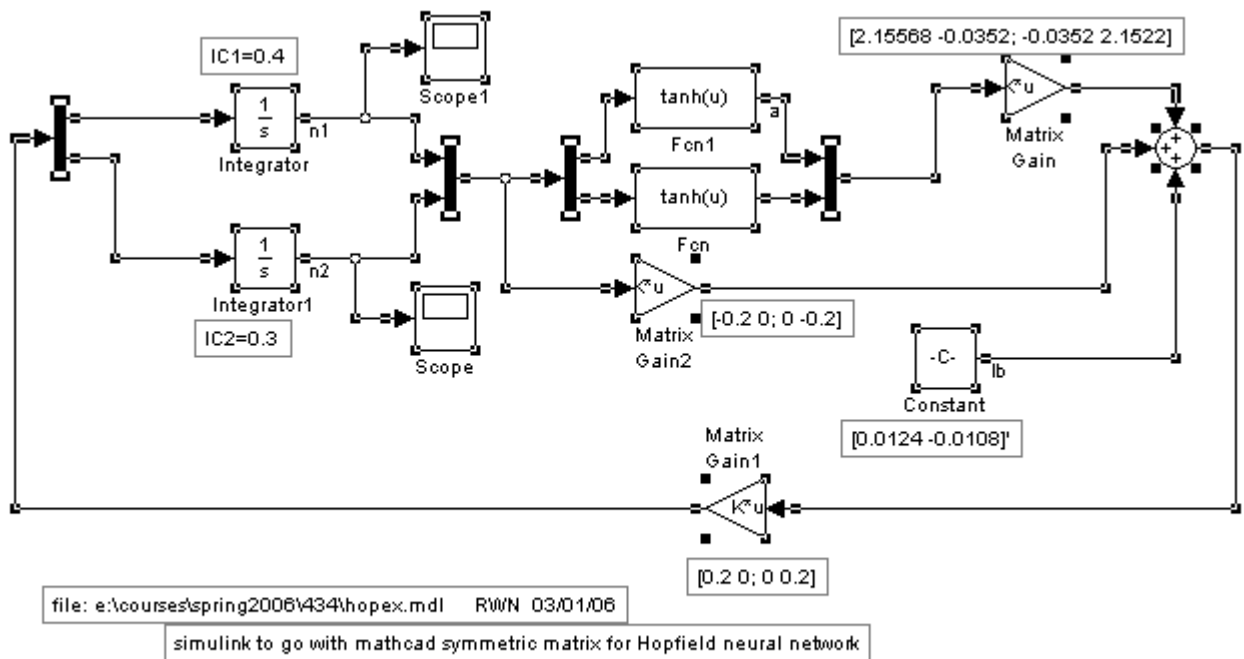
$$G := \begin{bmatrix} G1 & 0 \\ 0 & G2 \end{bmatrix} \quad C := \begin{bmatrix} C1 & 0 \\ 0 & C2 \end{bmatrix}$$

$$v_3 = \begin{bmatrix} 0.494563 \\ 0.3 \end{bmatrix}, \quad I = \begin{bmatrix} 0.012446 \\ -0.010841 \end{bmatrix}$$

$$y(v) := \begin{bmatrix} \tanh(v_1) \\ \tanh(v_2) \end{bmatrix}$$

$$C \frac{dn}{dt} = -Wn - Gn + I_b; \quad n(0) \text{ given}$$

$$a = f(n)$$



The "scope curves" for running this for 1000 secs are given above for n_1 & n_2
Equilibrium point for these ic should be $\begin{bmatrix} 0.5 \\ 0.25 \end{bmatrix}$