

3) For this circuit,

(i) what ics decay slowest?

Any scalar multiple of

Bosis for eigenspace of $\lambda = -0.0381$

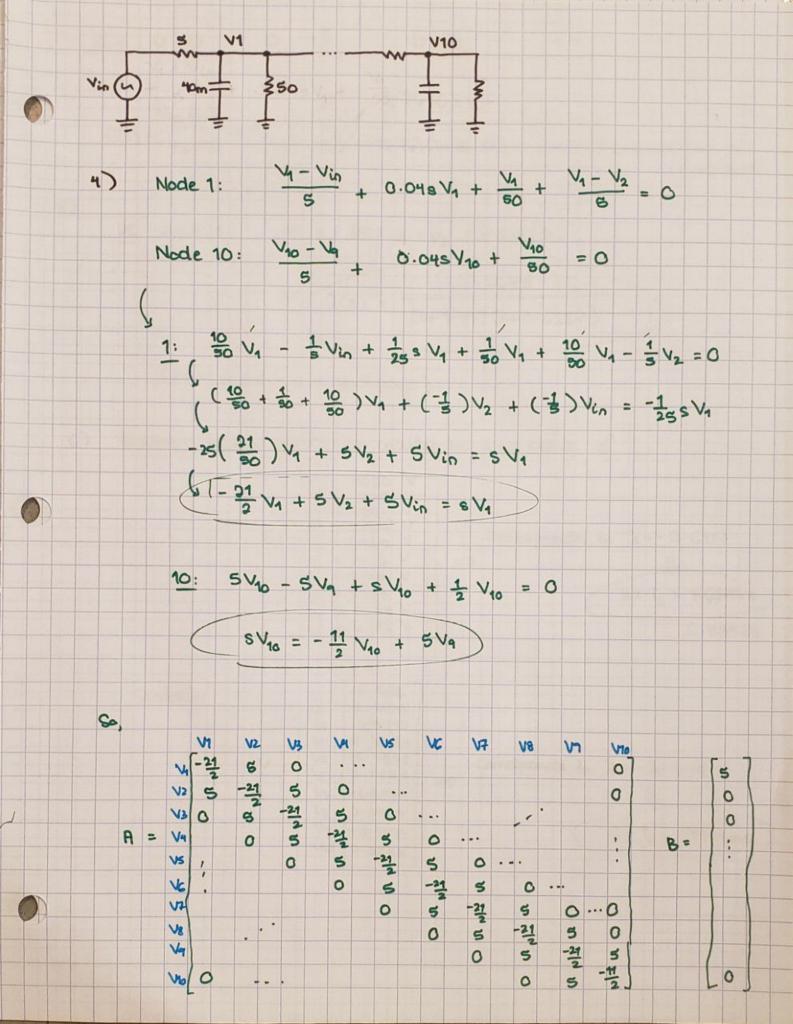
will be slowest (2% Ts = 105 seconds).

For the fastest decay, any scalar multiple of (2% Ts = 103 ms)

$$\begin{bmatrix} J_1 \\ J_2 \\ \end{bmatrix} = \begin{bmatrix} -0.0234 & A \\ -0.0793 & A \\ -0.9712 & A \\ -0.2234 & V \\ V_3 \end{bmatrix}$$

the the draw better as I'm better aderas:

1 Basis for eigenspace of $\lambda = -39.08$



Command Window New to MATLAB? See resources for Getting Started. >> zpk(G) ans =9.7656e+06 (s+20.06) (s+18.76) (s+16.73) (s+14.15) (s+11.25) (s+8.275) (s+5.5) (s+3.169)(s+1.49) (s+0.6117)Continuous-time zero/pole/gain model.

