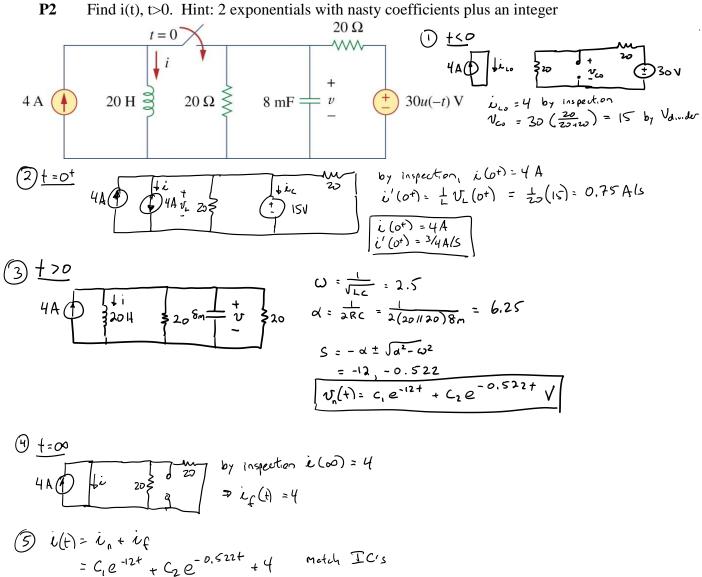
**P1** Find i(t) for t>0 in the circuit below. Hint: answer has all integer coefficients.

$$\begin{array}{c} + v - \frac{1}{16} \\ 10 \\ \hline \\ 20u(-1)V \\ \hline \\ 10 \\ \hline 10$$



$$\begin{split} & (b) = C_1 + C_2 + 4 = 4 = C_1 + C_2 = 0 \\ & (b) = -12C_1 - 0.5 = 0.75 \end{split} \qquad \begin{bmatrix} 1 & 1 \\ -12 & -0.5 = 2 \end{bmatrix} \begin{bmatrix} -0.0653 \\ -12 & -0.5 = 2 \end{bmatrix} \begin{bmatrix} -0.0653 \\ -12 & -0.5 = 2 \end{bmatrix} \begin{bmatrix} -0.0653 \\ -12 & -0.5 = 2 \end{bmatrix} = \begin{bmatrix} -0.0653 \\ -12 & -0.5 = 2 \end{bmatrix} \begin{bmatrix} -0.0653 \\ -12 & -0.5 = 2 \end{bmatrix} = \begin{bmatrix} -0.0653 \\ -12 & -0.0653 \end{bmatrix} = \begin{bmatrix} -0.0653 \\ -12 & -0$$

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