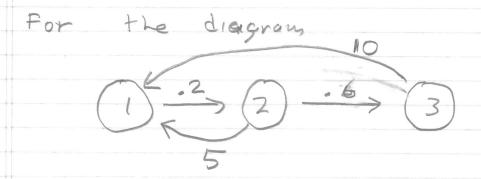
Homework for Mondax October 4



(2) If
$$\vec{R}(0) = \begin{bmatrix} 100 \\ 30 \\ 10 \end{bmatrix}$$

Use matrix multiplication to find

$$L = \begin{bmatrix} 0 & 5 & 10 \\ .2 & 0 & 0 \\ 0 & .6 & 0 \end{bmatrix}$$

$$\vec{N}(1) = \begin{bmatrix} 0.5 & 10 \\ .20 & 0 \\ .30 \end{bmatrix} = \begin{bmatrix} 0.5 & 10 \\ .20 & 0 \\ .20 & 0 \end{bmatrix} \begin{bmatrix} 100 \\ .20 \\ 0 \end{bmatrix} = \begin{bmatrix} 0.5 & 10 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} = \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} = \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0 \\ .20 \\ 0 \end{bmatrix} \begin{bmatrix} 0.6 & 0$$

Do the some for the deagrouns