



ALISON ALTHA MCGEE  
10/14/2010  
ELECTRICITY ENGINEERING

MATHS 1

$$A = \begin{pmatrix} 1 & -2 & -4 & 3 \\ 1 & 1 & 3 & 1 \\ 1 & 3 & -4 & -4 \\ 3 & -4 & 1 & 1 \end{pmatrix}$$

$$B = \begin{pmatrix} 10 \\ 10 \\ 10 \\ 10 \end{pmatrix}$$

$$C = \begin{pmatrix} 10 \\ 10 \\ 10 \\ -1 \end{pmatrix}$$

$$D = A^{-1}C$$

$$D = \begin{pmatrix} -4 \\ 1 \\ -4 \\ 3 \end{pmatrix}$$