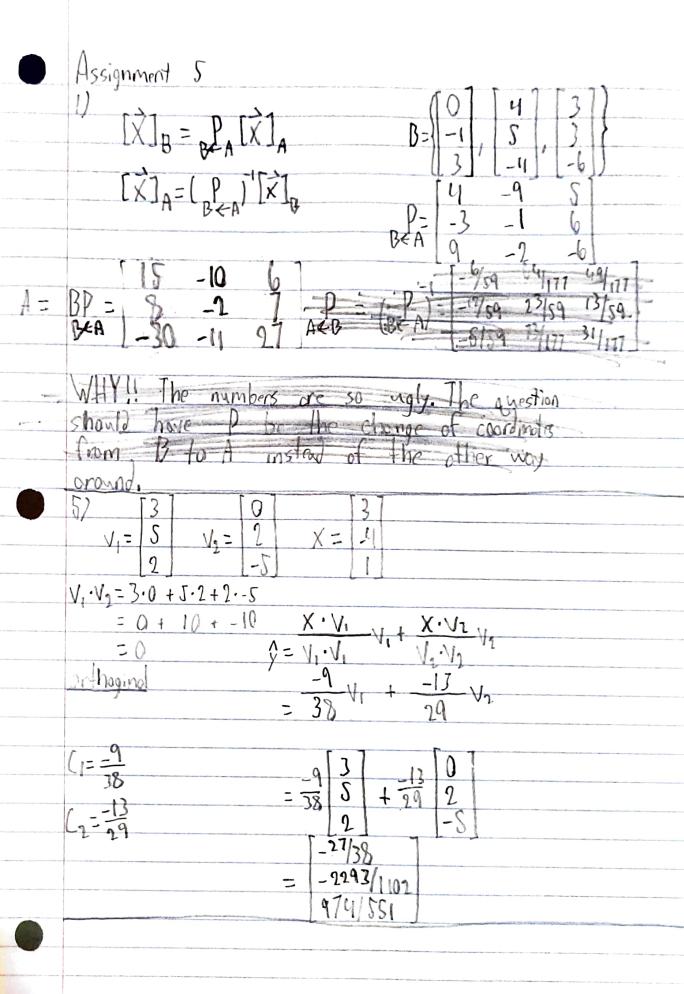
London Moon



b)
$$V_1 = \begin{bmatrix} 3 \\ -1 \\ 2 \\ -1 \end{bmatrix}$$
 $V_2 = \begin{bmatrix} 2 \\ -5 \\ -1 \end{bmatrix}$ $Z = \begin{bmatrix} 1 \\ 3 \\ 0 \\ 2 \end{bmatrix}$

$$\frac{7}{2} = \frac{2 \cdot V_1}{V_1 \cdot V_1} V_1 + \frac{2 \cdot V_2}{V_2 \cdot V_1} V_2$$

$$= \frac{-8}{30} V_1 + \frac{-95}{50} V_2$$

$$= \frac{-8}{30} \begin{bmatrix} 3 \\ -1 \\ 2 \end{bmatrix} + \frac{-95}{58} \begin{bmatrix} 2 \\ -5 \end{bmatrix} = \frac{2 \cdot 11}{2 \cdot 03} I_{1435}$$

$$\frac{-95}{2 \cdot 1} = \frac{2 \cdot 11}{2 \cdot 03} I_{1435}$$

$$\frac{-95}{2 \cdot 1} = \frac{-95}{2 \cdot 03} I_{1435}$$

$$\frac{-95}{2 \cdot 13} = \frac{-95}{2 \cdot 03} I_{1435}$$

$$\frac{-95}{2 \cdot 13} = \frac{-95}{2 \cdot 03} I_{1435}$$

$$\frac{-95}{2 \cdot 13} = \frac{-95}{2 \cdot 03} I_{1435}$$

$$\frac{-95}{2 \cdot 03} = \frac{-95$$

just floten the Xz

Component to

 $\frac{94}{25} \begin{vmatrix} 3 \\ 4 \end{vmatrix} + \frac{-7}{25} \begin{vmatrix} -4 \\ 3 \end{vmatrix} = \begin{vmatrix} 4 \\ 3 \end{vmatrix}$