Lardon Mann

Assignment b

$$V_1 = V_1$$
 $V_2 = V_2 - \text{proj}_{Spann_1} V_1$
 $V_1 = V_2 - \text{proj}_{Spann_1} V_1$
 $V_2 = V_2 - \text{proj}_{Spann_1} V_1$
 $V_3 = V_2 - \frac{9}{10} V_1 = \begin{bmatrix} 2 \\ -5 \\ -2 \\ -5 \end{bmatrix}$
 $V_4 = V_2 - \frac{9}{10} V_1 = \begin{bmatrix} 2 \\ -5 \\ -2 \\ -5 \end{bmatrix}$
 $V_2 = V_2 + \frac{9}{10} V_1$
 $V_3 = V_3 + \frac{9}{10} V_1$
 $V_4 = V_4 + \frac{9}{10} V_1$
 $V_5 = V_5 + \frac{7}{10} V_1$
 $V_7 = V_7 + \frac{7}{10} V_7 + \frac{$

 $=\frac{30}{30}V_{1} + \frac{158}{237}V_{2} - \frac{9}{10}\frac{158}{237}V_{1}$

2)
$$X = \rho roj_{\text{sporty}} \times \frac{x \cdot v_1}{v_1 \cdot v_2} \cdot v_1 + \frac{x \cdot v_2}{v_1 \cdot v_1} \cdot v_2$$
 $v_1 = \frac{v_2 \cdot v_2 \cdot v_1}{v_2 \cdot v_2} \cdot v_1 = \frac{-9}{38} \cdot v_1 + \frac{56561}{722} \cdot v_2$
 $v_2 = \frac{v_2 \cdot v_2 \cdot v_1}{v_2 \cdot v_2} \cdot v_2 + \frac{v_2 \cdot v_2}{v_2 \cdot v_2} \cdot v_2$
 $v_3 = \frac{58}{38} \cdot v_1 + \frac{56561}{722} \cdot v_2$
 $v_4 = \frac{56561}{722} \cdot v_2$
 $v_4 = \frac{56561}{722} \cdot v_4$
 $v_4 = \frac$