$$\frac{SP1}{SP1} = A = \begin{bmatrix} 7,2 & -4,3 & 0.6 & 1.7 \end{bmatrix} \quad B = \begin{bmatrix} -11.0 & 11.8 & 2.4 & -1.9 \end{bmatrix} \\
C = \begin{bmatrix} 1.7 \\ 1.0 \\ -1.0 \\ 41.3 \end{bmatrix} \quad D = \begin{bmatrix} -2.4 \\ -0.7 \\ -6.8 \\ 3.0 \end{bmatrix}$$

$$A + B = \begin{bmatrix} -3.8 & 7.5 & 3 & -0.2 \end{bmatrix}$$

$$C + D = \begin{bmatrix} -0.7 \\ 0.3 \\ -7.8 \\ 7.3 \end{bmatrix}$$

$$A - B = \begin{bmatrix} 18,2 & -16.1 & -1.8 & 3.6 \end{bmatrix}$$

$$C - D = \begin{bmatrix} 4.1 \\ 1.7 \\ 5.8 \\ 1.3 \end{bmatrix}$$

$$\frac{SP2}{3A} = \begin{bmatrix} 21,6 & -12.9 & 1.8 & 5.1 \end{bmatrix}$$

$$2B = \begin{bmatrix} -22,0 & 23.6 & 7.2 & -5.7 \end{bmatrix}$$

$$3A - 2B = \begin{bmatrix} 43,6 & -36.5 & -5.9 & 10.8 \end{bmatrix} = R_1$$

$$SPS: G = \begin{bmatrix} 2 & 3 & 5 \end{bmatrix} \quad H = \begin{bmatrix} 1 & 4 & -2 \end{bmatrix} \quad [G] = \begin{bmatrix} 3^{2} + (5)^{2} & -1 & 38 \end{bmatrix}$$

$$= \frac{2 - 2 - 10}{5(0^{2} + (4)^{2} + (2)^{2})} = \frac{5 - 5}{21}$$

$$O = COS^{-1} \left(\frac{-15}{58}, 521 \right) = \begin{bmatrix} 122.07^{\circ} \right)$$

$$SPS: A = \begin{bmatrix} 2 & -1 \\ 0 & 3 \\ -4 & 1 \end{bmatrix} \quad \begin{bmatrix} 3 & -6 \\ -2 & -5 \end{bmatrix}$$

$$3A = \begin{bmatrix} 6 & -3 \\ 0 & 9 \\ 12 & 3 \end{bmatrix} \quad \begin{bmatrix} 2 & 8 & -6 \\ 2 & 4 \\ -4 & -10 \end{bmatrix}$$

$$C = 3A - 2B = \begin{bmatrix} -2 & 3 \\ -2 & 5 \\ -8 & 13^{2} \end{bmatrix}$$

$$SP7: C = \begin{bmatrix} 4 & 0 - 2 & 1 \\ 3 & -2 & 4 & 3 \end{bmatrix} \quad D = \begin{bmatrix} 3 \\ -2 \\ 1 \end{bmatrix}$$

$$CD = 4(3) + 0 - 2 + 44 \quad [14]$$

$$3(3) + 4 + 4 + 112 = \begin{bmatrix} 14 \\ 26 \end{bmatrix}$$

$$GF = \begin{bmatrix} 6(1) + 3(7) & 6(2) + 3(3) & 6(2) + 3(4) & 6(6) + 3(6) \\ -1(-1) + 0(7) & -1(2) + 0(3) & -1(2) + 0(4) & -1(6) + 0(6) \\ 0(1) + -4(7) & 0(2) + -4(3) & 0(2) + -4(4) & 0(6) + -4(6) \\ 2(1) + 1(7) & 2(2) + 1(3) & 2(4) + 1(4) & 2(6) + 1(6) \end{bmatrix}$$

$$GF = \begin{bmatrix} 15 & 3 & 0 & 36 \end{bmatrix}$$