MD. Shadman Solib 1911357042

Ans to the Q no-2

Cuven, $A = \begin{bmatrix} 5 & -7 & 1 \\ -7 & 8 & 2 \\ 1 & 2 & -4 \end{bmatrix}$ $A^{2} = \begin{bmatrix} 5 & -7 & 1 \\ -7 & 8 & 2 \\ 1 & 2 & -4 \end{bmatrix} \begin{bmatrix} 5 & -7 & 1 \\ -7 & 8 & 2 \\ 1 & 2 & -4 \end{bmatrix}$ 50-19-4 -35 9-56 +2 $= \int \frac{25 + 49 + 1}{-35 - 56 + 2}$ $= \int \frac{-35 - 56 + 2}{5 - 14 - 4}$ -7+16-8 49+64+4 1 +4+6 -7+16-8 -13 -89 117

de montre 1 P-2 Troff they 145 w 15" シチャナー カーシャト

P-3

$$\begin{bmatrix} 75 & -89 & -13 \\ -89 & 117 & 1 \\ -13 & 1 & 21 \end{bmatrix} + \begin{bmatrix} 16 & -14 & 2 \\ -14 & 16 & 9 \\ 2 & 2 & 8 \end{bmatrix} + 88$$



mot - 125 aviz -1 19-14 Ans to the anc-1 24, + 222 - 323 + 4764 = 2 2x, +5n2 -2x3+n4=1 5x, + 12x2-7x3 +6x423 Now, Augmented mother for the equis 1 2 -3 4 2 1 2 5 -2 1 1 5 17 --RZ = ZR, - RZ R3 = 5R, - R3 12334

P-65 10-1473 ent of the property of the trans Ry = RI+Re said + 25 R3 = R1 4 R3 1 2 -3 4 2 0 1 -7 11 5 0 5 18 9