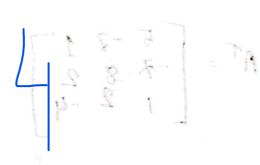
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$$A = \begin{bmatrix} 5 & -7 & 1 \\ -7 & 8 & 2 \\ 1 & 2 & -4 \end{bmatrix}$$

$$A^{2} = \begin{bmatrix} 5 & -7 & 1 \\ -7 & 8 & 2 \\ 1 & 1 & 2 & 4 \end{bmatrix} \begin{bmatrix} 5 & 2 & 7 & 4 \\ -7 & 8 & 2 \\ 1 & 1 & 2 & 4 \end{bmatrix}$$

$$= \begin{bmatrix} 25+49+1 & -35-56+2 & 5*-14+4 \\ -35-56+2 & 49+64+4 & -7+16+8 \\ 5-14-4 & -7+16-8 & 1+4-16 \end{bmatrix}$$

$$\begin{bmatrix} 75 & -89 & -57 \\ -89 & 117 & 17 \\ -13 & 1 & -11 \end{bmatrix}$$

$$2A = 20$$

$$\begin{bmatrix}
10 & -14 & 2 \\
-14 & 16 & 4 \\
2 & 4 & -8
\end{bmatrix}$$

Now,
$$A^{2} + 2A + 691$$
 $A^{2} + 2A + 691$
 $A^{2} + 2A + 691$

Ans. to the gues.no-1 $\begin{bmatrix}
1 + 2 - 3 + 48 & 277 - 600 & 5 + 500 \\
2 & 5 & -2 & 12 & -7 & 0.00 & 0.00 \\
5 & 12 & -7 & 0.00 & 0.00 & 0.00
\end{bmatrix}$ $= \begin{bmatrix} 1 & 2 & -3 & 4 & 2 & (1st & 17000 & x-2) + 2000 & 17000 \\ 0 & 1 & 4 & -76 + 3 & (1984 & 17000 & x-5) + 2000 & 17000 \\ 0 & 2 & -22 & -14 & -71 &$ 9 tiritati 2 201 - 3 1104 200 - 30 K3 n2 nows

0 1 4 - 7 - 3.10 hulo 2- 30 K3 n2 nows

3 tiritati (100 5 M1) 2 115 (30) 100 5 M 02 = 0 /2 22 1/2 A/1 2 101/102 Browne

Ans. to the Guarno-1 34 + 232 - 323 + 434 = 2 32 + 434 = 2 32 + 434 = 2 33 + 434 = 2 330 = 321 = 2 - 2202+ 322 - 424 2001 605+ (2-4200) 61) enon and + (22237 4383+ 7x4+38 - 1) 213 = 13 - 14 - 55 if we now we have to not free Narvable We will take this as arbitrary valve as t. then we will have infinite many of solution. 8- 1- 1 So, we can say that, we will have infinite many solution from these equation.