

محمدصادق اسحاقي

kron (asb)

معادر دردارهای دئوه

$$Av = \lambda v = - \rightarrow (A - \lambda I) v = -$$

$$\begin{cases} 2\alpha_{1} + 3\alpha_{2} = 4 \\ \alpha_{1} - \alpha_{2} = 3 \end{cases} \longrightarrow \begin{bmatrix} 2 & 3 \\ 1 & -1 \end{bmatrix} \begin{bmatrix} \alpha_{1} \\ \alpha_{2} \end{bmatrix} = \begin{bmatrix} 3 \\ 3 \end{bmatrix}$$

rank(A) = rank(A,b)No Salution

Value of class of the salution of the sal

$$\frac{1}{A^{\prime}} A u = A^{\prime} b \Rightarrow u = A^{\prime} b$$

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$$(A_{\Lambda})^{-1} A_{\Lambda} = I$$

5 AS = B

 $A = SBS^{-1}$

לתנטאיע פרנטאיע

مساست رهادرزد ، بردارد ، درسان

Speci B: by

$$\overrightarrow{AV} = \overrightarrow{V}$$

$$AV_{1} = \lambda_{1} V_{1}$$

$$AV_{2} = \lambda_{2} V_{2}$$

$$\vdots$$

$$AV_{n} = \lambda_{n} V_{n}$$

$$AV_{1} = \lambda_{1} V_{1}$$

$$AV_{2} = \lambda_{2} V_{2}$$

$$AV_{n} = \lambda_{n} V_{n}$$

$$AP = PL \Rightarrow PAP = L \Rightarrow cho$$

$$AP = PL \Rightarrow PAP = L \rightarrow Gho$$