« سالیم علا » جرانشیار ارای عموالاهه

שינו אל טוצעט וז וועועג בינועועג אועועג

$$A = \begin{bmatrix} 4 & 4 & -1 \\ 4 & 6 & 6 \\ 4 & 6 & 6 \end{bmatrix}$$

$$A = LU$$

$$\frac{r_{OW2} - \frac{F}{F} r_{OW1}}{r_{W}} \left[\begin{array}{c} r_{W} & r_{W} - 1 \\ r_{W} & r_{W} \end{array} \right] \frac{r_{W}}{r_{W}} \frac{r_{W}}{$$

$$U = \begin{bmatrix} \mu & \gamma & -1 \\ 0 & -\frac{\Lambda}{\mu} & \frac{17}{\mu} \\ 0 & 0 & 9 \end{bmatrix} \longrightarrow L = \begin{bmatrix} 1 & 0 & 0 \\ \frac{\kappa}{\mu} & 1 & 0 \\ 1 & -\frac{\kappa}{\mu} & 1 \end{bmatrix}$$

$$row_{1} = \frac{row_{1}}{3}$$

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$$row_{1} = \frac{row_{1}}{3}$$

$$row_{2} = \frac{row_{1}}{3}$$

$$row_{1} = \frac{row_$$

$$\Longrightarrow U = \begin{bmatrix} \frac{1}{4} & \frac{1}{4} & \frac{-1}{4} \\ 0 & -\frac{1}{4} & \frac{1}{4} \\ 0 & 0 & \frac{1}{4} \end{bmatrix}$$

$$\begin{bmatrix} \frac{1}{4} & \frac{$$

$$\Rightarrow A = VL \Rightarrow A = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ 0 & 0 & 1 \\ -1 & \frac{1}{2} \end{bmatrix}$$

$$\Rightarrow A = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ 0 & -\frac{1}{2} & \frac{1}{2} \\ 0 & 0 & \frac{1}{2} \end{bmatrix}$$

$$\Rightarrow A = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ 0 & -\frac{1}{2} & \frac{1}{2} \\ 0 & 0 & \frac{1}{2} \end{bmatrix}$$

$$\Rightarrow A = \begin{bmatrix} \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \\ \frac{1}{2} & \frac{1}{2} & \frac{1}{2} \end{bmatrix}$$