习题 2

LV分解的前提

11)方阵 12)可连 (3)对子 10七尺mxm,前几价顺宜主子式丰。

$$UU = \begin{pmatrix} 1 & 0 \\ l_{21} & 1 \end{pmatrix} \begin{pmatrix} u_{11} & u_{12} \\ 0 & u_{22} \end{pmatrix} = 0 = \begin{pmatrix} u_{11} & u_{12} \\ u_{11}l_{21} & l_{21}l_{12} + l_{22} \end{pmatrix} = \begin{pmatrix} 0 & 1 \\ 2 & 1 \end{pmatrix}$$

$$U_{11} = 0 \quad U_{11}l_{21} = 2 \quad \text{To BE}$$

: 对自的行重新推到

$$A = \begin{pmatrix} 2 & 1 \\ 2 & 1 \end{pmatrix}$$
 $A^{(0)} = a_{11}^{(0)} = a_{11}^{(0)} + o \text{ 66} + o \text{ 56} +$

习题 3:

$$A = \begin{pmatrix} 1 & 2 & 2 \\ 2 & 1 & 2 \\ 1 & 2 & 1 \end{pmatrix} \qquad X = \begin{pmatrix} X_{1} \\ X_{2} \\ 1 \\ 1 \end{pmatrix} \qquad b_{12} = a_{1} = \begin{pmatrix} 1 \\ 1 \\ 1 \end{pmatrix} \Rightarrow 2 \Rightarrow \begin{pmatrix} \frac{1}{\sqrt{3}} \\ \frac{1}{$$