```
X_{7} = \sqrt{4 - ln \times_{6}} \approx 1.841098645

\therefore X^{*} \approx 1.841

3.解: 由恐...得
\begin{bmatrix} 1 & 1 & 1 & 1 & 6 \\ 1 & 3 & -2 & 1 \\ 2 & -2 & 1 & 1 \end{bmatrix} \rightarrow \begin{bmatrix} 1 & 1 & 1 & 6 \\ 0 & 2 & 3 & 5 \\ 0 & -4 & -1 & 1 \end{bmatrix} \rightarrow \begin{bmatrix} 0 & 2 & 3 & 6 \\ 0 & 0 & 7 & -21 \end{bmatrix}
\therefore X_{3} = 3, \ \overrightarrow{M} \gg \lambda \overrightarrow{m}
\overrightarrow{q}
X_{2} = 2
X_{1} = 1
```