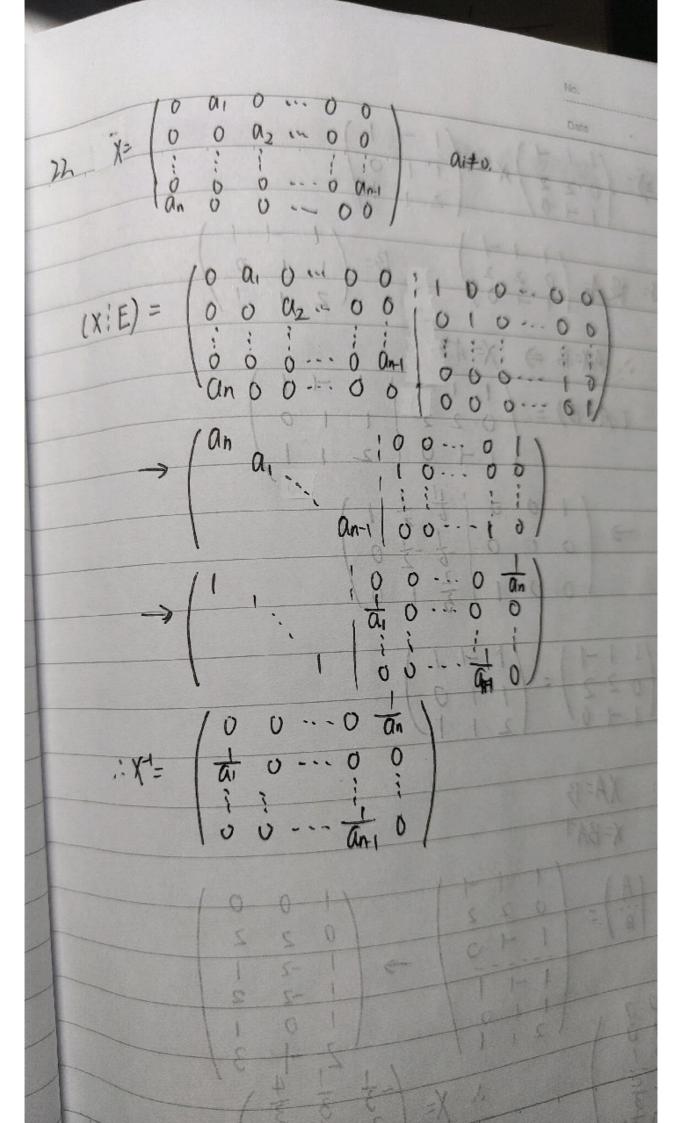
No. 报A=(14) B=(20) C=(31 : X= A-1 CB-1 (Aic)= (1 4 3 1) c. A'C= a X= ATCBT = = (a' A)

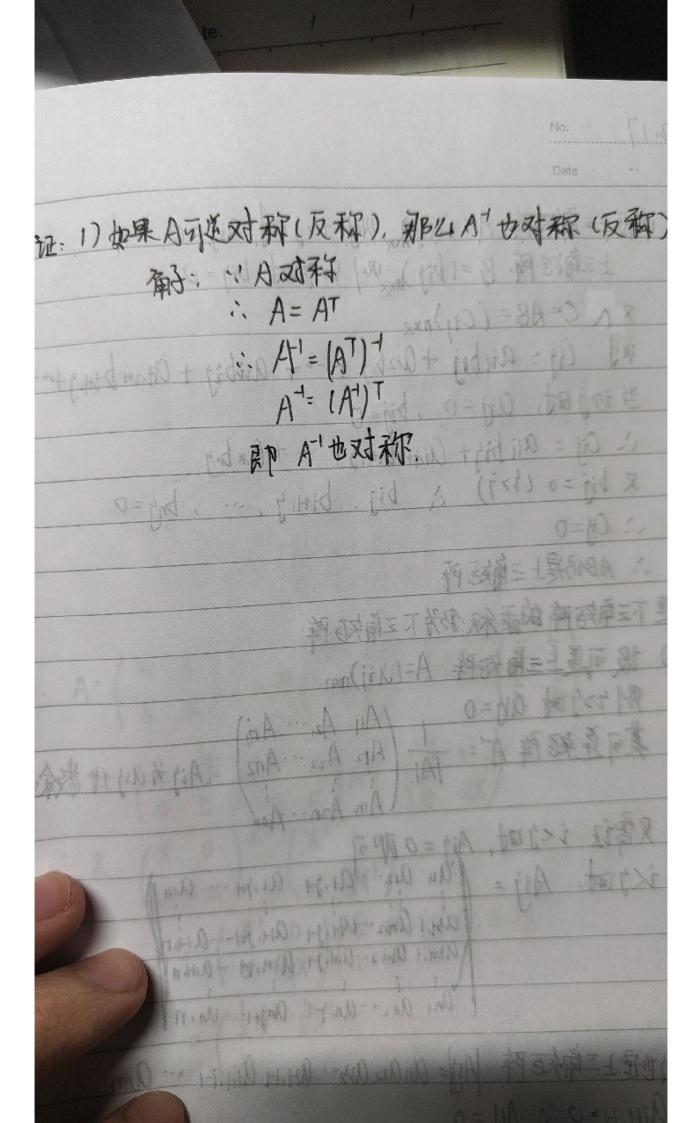


Date

$$(A|B) = \begin{pmatrix} 1 & 1 & -1 & 1 & 1 & -1 & 1 \\ 0 & 2 & 2 & 1 & 1 & 0 \\ 1 & 1 & 0 & 2 & 1 & 1 \end{pmatrix}$$

4)
$$\chi \begin{pmatrix} 1 & 1-1 \\ 0 & 2 & 2 \\ 1-1 & 0 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 1 \\ 1 & 1 & 0 \\ 2 & 1 & 1 \end{pmatrix}$$

$$\begin{pmatrix} A \\ B \end{pmatrix} = \begin{pmatrix} 1 & 1 & -1 \\ 0 & 2 & 2 \\ 1 & -1 & 0 \end{pmatrix} \rightarrow \begin{pmatrix} 1 & 0 & 0 \\ 0 & 2 & 2 \\ 1 & -2 & 1 \\ 1 & -1 & 1 \end{pmatrix} \\
0 & 2 & 1 \\
1 & -1 & 1 \\
2 & -1 & 3 \end{pmatrix}$$



· 门设上三种阵阵 A= iaij/m,则 inj的 ain=0 上三角矩阵 13=1/11/1/201 4>7日 by=0 Xi& C= AB= (Cij)nxx Ry (ij = autoj + anbij + anbij + Orim bingto

当 irj let, Clij=0, bij=0

1- Cit = ail big + ainth bith 5+ 10 + ain big

又 bij = 0 (1>)) (bij, bith, y, ..., by=0

: Cy=0

、ABUB是上三角矩阵

凤狸下三角矩阵的乘积,仍为下三角矩阵.

2) 设河道上三角矩阵 A=(dij)nxn

M 2>9时 Q的=0 / (An Azi ··· An) Aighaight
An Azi ··· And Aighaight
Ain Azi ··· And

Aistore 上三角灰巨阵, Ayle allana ass. and allin ... an " ait it = 0 : Ay = 0

心上三舸连矩阵的鱼起阵仍是上三闸矩阵

= |Em| |TEN AB| = | EN AR | 30. it: 由29配 pin B = 1xEn-AB | Z En B - BR+RI Em BA O λEn 1Em- TBA | | NEM = NM-M | NEM-BA | BP | NEM-AB = AB = AM | NEM-BAI. **多性性加引生剂**60%