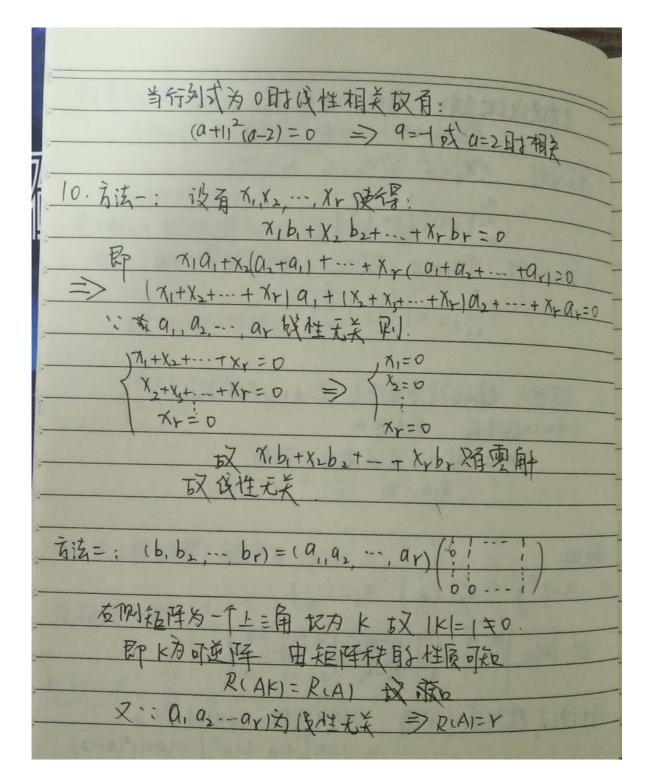


```
利用克拉默法则:
                                                                             |A| = \left| \frac{r_1 + r_2 + r_3}{r_1 + r_2 + r_2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right) \left| \frac{r_2 - r_1}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2} \right| \left( \frac{\lambda + 2}{\lambda + 2}
                                                        = (\lambda - 1)^2 (\lambda + 2)
                     若1A140即入21月入4-2时有唯一解
                                     当入=1时增加两月1111
                                                                      X1=1-X2-X3.
                                                                                                                              (X_{2}) = C_{1}(1) + (2(0) + (0))
       18. 诚旅程的增广矩阵为 (A:B)=(1-21)
原矩阵 「2台V」 1 -2 1 入 「2+2ド」 (0 -3 3 2入-2) 

1 1 -2 入2 ) アスード (0 -3 3 2入-2) 

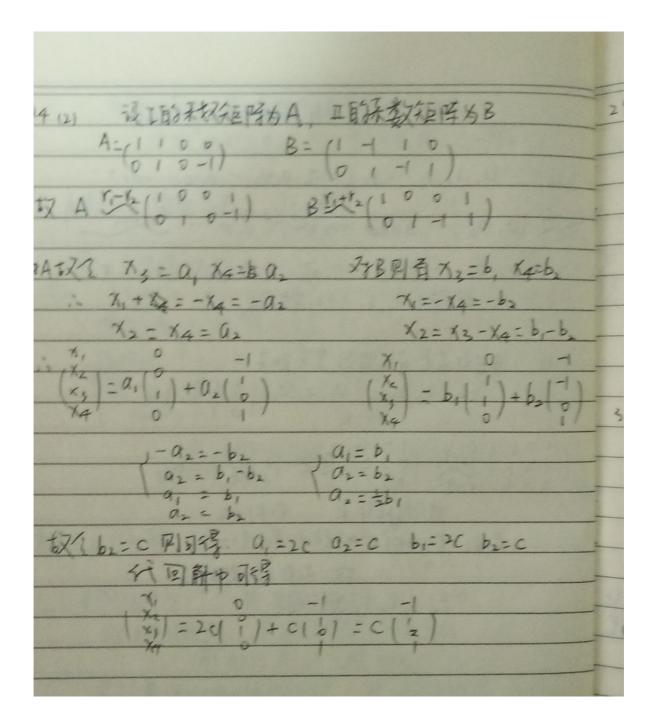
トュナケュ (0 -3 3 2入-2)
                                                                                   0 0 0 (1-1)(1+2)
                                                     老野史该标工有角4 R(A)=R(A)B) 权
                                                                                                                                   (ハー)(ハ+2)=0 => ハーノオーと
                                   当入二日子 了了了二 大人二 一人
                                                                                          \begin{pmatrix} x_1 \\ x_2 \end{pmatrix} = C(\begin{pmatrix} 1 \\ 1 \end{pmatrix} + \begin{pmatrix} 0 \\ 0 \end{pmatrix})
                           \frac{1}{3} \lambda = -2 \pm \frac{1}{3} \quad \frac{1}{3} = C \quad \frac{1}{3} \quad \frac{1}{3} = C + 2
\frac{1}{3} \quad \frac{1}{3} = C \quad \frac{1}{3} \quad \frac{2}{3} = C + 2
\frac{1}{3} \quad \frac{1}{3} = C \quad \frac{1}{3} \quad \frac{2}{3} = C + 2
```

由なつゆうるるによりなあるくれか



```
· R(B)= 下 图 (b, b2 -- , br)为(1生元美
1=: (b, b2, b3) - , br) = (a, a, +02, --, a,+a2+ --+ar)
-G1 (a1, a2, --, a, +a2+ -+ax) G3-C2-C1 -- Grendy
                          (a, a, --, ar) : 0] ko R(b, b, ... br) = r
                                                                              双研证 b., b., -- britt生无关
     (3) 由已知关系可以写出等式如下:
                                                                          (b, b, b3)= (9, a2, a3) (-1 2 1)
      \frac{|0|}{|2|} \frac{|1|}{|2|} \frac{|1
                                              1973-1207- K R(K)=2

R(B)=R(AK) < min(R(A) R(K))=2
                                                                                                                                                                           TX R(B) < 2 RPN 73
                                                                                            六 b, b2 b3 及性相关
```



非齐贝方型的通解=对左齐次流程的通解+非矛父一个年至 28 对于汉和祖的神中性质3可知 対をみまとりを角をみ メデリークン ガニーリッ 又由性质1可吸 x=3, 与X=1,都为角、内 X=美,+美。切为角 ·X=(1,-1,-1+(1,-1,1也为再生 即 X= 29, -(12+16)=(至) 为重对角系 :通解=0(年)+(至) 3211岩 1×,美,…美人是民性相关的 又多,一、是基础解文权这性无关 又多,一、多户一对应市及市及市场上的基础解系权施。 少差 Ax=0 不次为利的一千角子 又我中已和 中是非子父父性就一解 双矛盾 to 14, 5, ·-- , 5n-r 18 4 元 121 对 7*, 7*+多,…, 7*+多加、该同是国中的方案 都可以用向是阻力, 5, 一, 5, 19+王表示 5x R (A) = R(B) = n-r 权也没性无关

