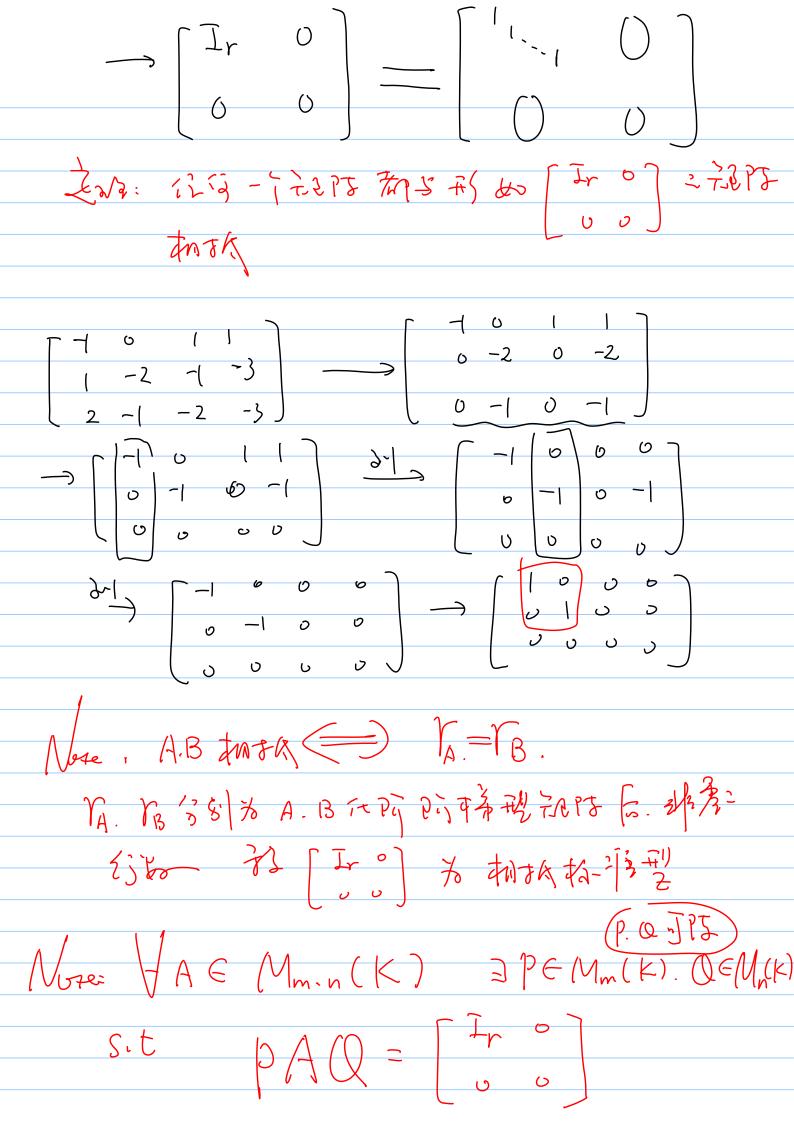
1. 程序: 机板装备: 矩序BBM由A经过一部1 te Title 初多多旅行机、划步和分子等行 (A,B #n+15) = = - 321 2037-2Pt. P. 12 - Pn. Q. Q.-Q.-Om B= Pr Pri Pr A Q, Oz -- Om 0 (a) (a) (b) A= ImA in @ 278542 (45B } 27 41 B \$ A & 27 352342: ASB37 BSC Zin WIASC Sci B= PnPn-1 ... P, A Q, Oz. Om C = Rs ··· RzRIB TI Tz ··· Tr ( = Rs Rs-1 ... R, Pn Pn-1 ... P, AQ, Qz ... Om Ti--- Tr 20080 375 G1, C212 -- Crir to

C212 -- Crir



2. 初复物与社员 () AE Mn(K) \$ A \( \frac{1}{2} \) \[ \lambda \) \[ \lambda \] \[ \lambda Qq Pt ··· Pp P, A= Rs ... R, Qn ... O2 Q1 Pt ... P2 P, A = T Pp AT = Rs Revise R, Qnin Qt Qy Pting P, 2003 233, it shi 24 22 PG= [A | I] = [I | A-1]

-[-A--] = [A-1] = [A-1] (2) A= (1) 2 A-1. Sle: [A!] = [ 0 2 - 1 1 1 0 0 0 ]

Note: A J & Pt - Pt Pt-1 ... P2 P1

$$\begin{bmatrix}
2 & 3 & -1 & 1 & 2 & 1 \\
1 & 2 & 0 & 1 & -1 & 0 \\
-1 & 2 & -1 & 1 & 3 & 0
\end{bmatrix}$$

3. A, B ∈ Mn (K) |AB|=|A|·|B| 若 B 引送 m g : B 引 m g g - S and + S a g AB = APIP2····Pt AB = AP, P2--- Pt-1 Pt = | A P. B -- Pt-1 | Pt |  $= \cdots = |A| |P_1| |P_2| \cdots |P_{t-1}| |P_t|$ - 1A | PIPZ --- | Pt-2 | Pt-7 Pt - (A). (P, P2... Pt Pt = (A)(B) 表的元子选对: BX=0 有料型的  $BX = 0 \implies ABX = A0 = 0$ 27 BX=0 284 - 23 ABX=0-84 29 ABX=0 to 3/2 7204 AB RAB =0 berg (AB) = (A) (B) = 0

$$|A| = I$$

$$|A|$$

$$\begin{bmatrix} a_{11} \\ a_{21} \\ a_{21} \\ a_{22} \end{bmatrix} = \begin{bmatrix} a_{11} \\ a_{22} \\ a_{23} \end{bmatrix} = \begin{bmatrix} a_{11} \\ a_{21} \\ a_{21} \end{bmatrix} = \begin{bmatrix} a_{11} \\ a_{21} \\ a_{22} \end{bmatrix} = \begin{bmatrix} a_{11} \\ a_{21} \\ a_{22} \end{bmatrix} = \begin{bmatrix} a_{11} \\ a_{21} \\ a_{22} \end{bmatrix} = \begin{bmatrix} a_{11} \\ a_{22} \\$$

 $(a/4: A.B \in (M_3 CK)$ |A| = 2. |B| = 3

$$\frac{1}{2} \left( \frac{1}{2} A^{-1} - 2A^{*} \right) = \frac{1}{2} \left( \frac{1}{2} A^{*} B^{-1} \right)$$

 $= 8 |A^{*}| |B^{-1}|$   $= 8 \cdot 4 \times \frac{1}{3} = \frac{32}{3}$ 

$$A^{-1} = \frac{A^{+}}{(A)} = \frac{A^{+}}{2} \qquad A^{+} = 2 A^{-1}$$

$$|(-\frac{1}{2}) A^{-1} - 2 A^{+}| = |(-\frac{1}{2}) A^{-1} - 4 A^{-1}|$$

$$= |(-\frac{q}{2}) A^{-1}| = (-\frac{q}{2})^{3} \frac{1}{(A)}$$

$$= \frac{q^{3}}{2^{4}} = -\frac{729}{16}$$

$$|(A_{1} + A_{2} + A_{3}, A_{1} + 2A_{2} + A_{3}, A_{1} + 3A_{2} + 9A_{3})| = 1$$

$$|(A_{1} + A_{2} + A_{3}, A_{1} + 2A_{2} + A_{3}, A_{1} + 3A_{2} + 9A_{3})| = 1$$

$$|(A_{1} + A_{2} + A_{3}, A_{1} + 2A_{2} + A_{3}, A_{1} + 3A_{2} + 9A_{3})| = 1$$

$$|(A_{1} + A_{2} + A_{3}, A_{1} + 2A_{2} + A_{3}, A_{1} + 3A_{2} + 9A_{3})| = |(A_{1}, 2A_{2} + A_{3}, 3A_{2} + 9A_{3})| = |(A_{1}, 2A_{2} + A_{3}, 3A_{2} + 9A_{3})| + |(A_{2}, A_{1} + 2A_{2}, A_{1} + 3A_{2})| = |(A_{1}, 2A_{2}, 3A_{2} + 9A_{3})| + |(A_{2}, A_{1} + 2A_{2}, A_{1} + 3A_{2})| = |(A_{1}, 2A_{2}, 3A_{2} + 9A_{3})| + |(A_{2}, A_{1} + A_{3}, A_{1} + A_{3}, A_{1} + 9A_{3})| + |(A_{2}, A_{1} + A_{3}, A_{2} + A_{3$$

( 32 = ( 60! )

$$=(2-1)(3-1)(3-2)$$