完阵部分筹

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8. 必要性量形,了一定完分性.
   \frac{1}{2} e_1 = (1,0,0)^T, e_2 = (0,1,0,0)^T, ..., e_n = (0,0,...,1)^T
13 A=(acj), by ectAej = acj
.: 0= eiAei = aii , 0= (ei+ej JA(ei+ej) = aij+aji
             XA=AT: aij=aji sizt A=
9.
                   AB=E => (A)(B)=1 : (B) 70, (A) $0, :- A)(A), B)(A)
       (2)
          A = (1, 1) , B = (\frac{1}{2}, \frac{1}{2})^{T}
             AB=E, BA +G
      (3) (A-E) (B-E)=E -> (B-E)(A-E)=E
            1. AB= 21A=BX
     11) (A-E) (A+E)=0 岩(4+E)可益, M A-E=の, A=E矛盾
lo.
       12) (A-E/18-F)=E = (A-E)-1= 2B-E
11. 13 (=AB, H (=(([j), A=(aij) B=(Bij)
      设(的第3行为)
              on Satify + ... + ain by= 0
                    aubret ·-- + ain pre= 0
                     acibint -- +ain bin= 0
    => (b1+ --+ (bn) + ace (b2+ --+ b1-) + -- + ac (bn+ --+ bnn) =0
       : A1B元要 #fic Tac (bit - + bin) =0
                             aiz (b2,+--+b2n) =0
                               ain (bnit ... + bnn)=0
     M或:(ai=aiz=--=ain=o)或存住人, bkit······ bkn=o(提出bu=···=bkn=o)
         第上 A的一个为。或 BM一行为。
      A^{n} = \Gamma \begin{pmatrix} -1 \\ -1 \end{pmatrix} (12-1) = \begin{bmatrix} -1 \\ 2 \end{bmatrix} (12-1) = [1-3]^{n-1} A
          A = \begin{bmatrix} 2 & 0 \\ 0 & 2 \end{bmatrix} + \begin{pmatrix} 0 & 3 \\ 0 & 0 \end{bmatrix} = \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix} + N \begin{pmatrix} 2 & 0 \\ 0 & 2 \end{pmatrix} \begin{pmatrix} 0 & 3 \\ 0 & 0 \end{pmatrix}
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13. 该在我的这样,没到表示论疗动的好
$ \forall (i+j) + A = \exists i = a_{j}, a_{i} = 0$
14、电 AA = (A) + In (科A = 1A) + 表版M (ATA) = 1A) + A = 1A
表 A =0, 下征 A' =0, 40 不起, &1 A'9车
0- (A*) - A :- A是o1年. A*2014. 新
が2 A1-0 → A* =0 3日上 A* - A *-1