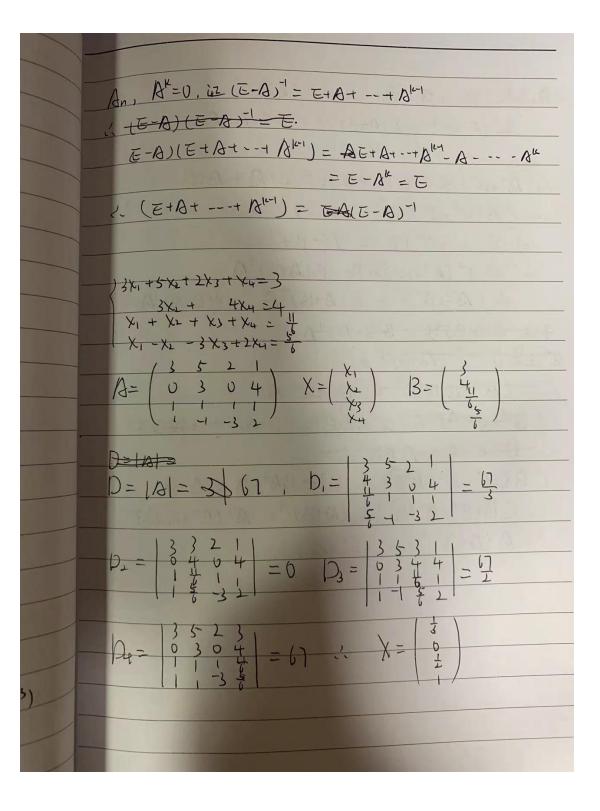
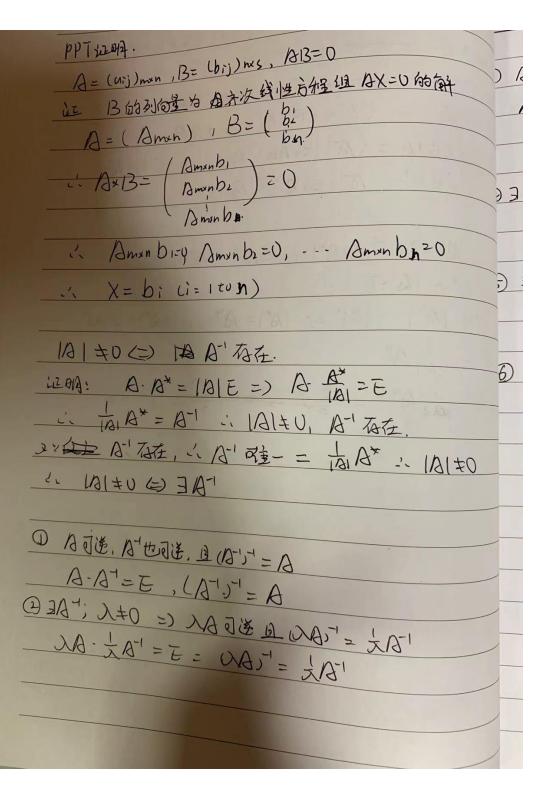


An, Bn, Cn, ABC=E. M A-1=BC - BCA=6 An B'=CA : CAB=E 1 t A'-A-2E=0, II A-1, (A+2E)-1 A(A-E)=1E=) A.AE=E 1. A-1= A-E. 2-(A+2E)(A-SE) = 4E=) (A+2E) = 5E-A A3=LE, 证(A+LE) 在在关花 $|A| \cdot |A^2| = |A|^3 = 2^n$ 1. |A|= 2 +0 1 由 AT 存在. 12 13-12 = 2E-13 => 132 = 213-1 A=2(0-1) = 2(05)-1 D A+LE = 2(A')-1+LE = 2(A')-1+E) A+LE= A+A3= A (E+A2) · (AT) (A+2E) = E+A' = E+210-1 13+8E=10E. =) (A+2E)(B2-0)A+4E)=(0E. 22 12 45=113 1.18-218+218 = A (A-2E+118)=A(A+116-A) - A' (5 B' B'+28) = B' (6 B' + 2 - B) (A+2E) to (A²-2A+4E)=E. (A+2E)'= to (A²-2A+4E)



An, Bn, (AtB) 均辽连;证 AT+13T可连 B (A-+B-)-= A (A+B)-13 = B (B+A)-A An, ALE A(A-1+13-1)13 = (E+A13-1)13= 13+A= A+13 ~ (A(A+13-1)13)-1 = (A+13)-1 =) 13 1 (A-1+13-1) 1A-1 = (A+13)-1 1313 (A-1-13-1) A-1/2 13(A+13) A L (A-+13-1) = B(A-13) - A = 13(B+A)-A 7-12 B(B+A)-1A A-1/210 13 = (13+13)-1 0 (10 12 13 1) = 13 12 16 A 13-1(13-1A) 12 15-16 13-16-1-1-16-15-1 12-13/20 A= A50-13. (B(13+A-1)A== (E+BA-1)A= A+B : (13(13-145))A) = (12-13) = A- (13-1+A-1)-13-1 C. A (A+13)-13= (B-1+A-1)-1



An, 13n, 自日, ひとて内は可遂(3不知)にこことは13日可逆済む. 15+AB) B-1 = (A-1+13) 13-1 = A-13-1+E A-A-1(T+AB) 13-13 = A-(A-13-1+T) 13 = T-A A(E+AB) A = (A+EB) A = E+BA. A-1(E+AB)A = (A-1(E+AB)7A)-1 = (E+13A) (E+13A) = A-1(E+A13) A A+, |A|=3, + 12A* , 12A*-7A-1 1 A. A* = 1A - E 1 A. A* = [A]-E 1 |A| · |A*| = |A|" => |A*| = A4 : |2A*| = 25x34 A-1 = 1/1 A* 128 - 1 = (5 5 34 55. (-1) 5 x 3 = -1

