

30 9x.3 5. P=1- C&CE C&CS

- 1- SXXXXXXXI (TKx) =1-16

- 1- XXXXXXXI (TKx) =1-16 2024.3.3 3(1)p=1-P(ABE)=5 PLARE) =1-4-4-4+ P=P(A)+P(B)+P(cy) + P(Ac)-P(AB)-P(P)=8 = 113 = P(ANB)=P(AUB)=1-P(AUB)= P(AUBUC): P(A) +P(B)+PCU) -P(AU)-PCAU) -PCAU 8. (D) & 20 7285. \$ 3. \$ 75 \$
+P(ABC) = 30+2+3+5-10-25-15-20 P= 6x C5Cs = 10x 2xx0x9x8 \$ 12 P(ABC) =1-(PARC = 3 $P(\bar{A}\bar{B}NC) = P(\bar{A}\bar{B}N(S-\bar{c})) = P(\bar{A}\bar{B}) - P(\bar{A}\bar{B}) - P(\bar{A}\bar{B}) = \frac{1}{15} - \frac{3}{20} = \frac{16-9}{60} = \frac{7}{60}$ $= \frac{4}{15} - \frac{3}{20} = \frac{16-9}{60} = \frac{7}{60}$ $= \frac{1}{15} - \frac{3}{10} = \frac{16-9}{60} = \frac{7}{60}$ $= \frac{1}{15} - \frac{1}{10} = \frac{1}{10} =$ (3) P(A)= = (i) P(AB) = P(A(S-B) (2) P=1 - C40. C100 C40. C100 C100 C150. (i) $P(AB) = \frac{1}{8} \cdot P(AB) = P(A) - P(AB) = P(A) - P(AB) = \frac{1}{2} \cdot \frac{1}{8} = \frac{1}{8} \cdot \frac{1}{8} \cdot \frac{1}{8} \cdot \frac{1}{10} \cdot \frac{10}{10} \cdot \frac{1$ 17. (1)P = 10×9 = 28 (21 P2 = - x = = Tx (3) $P_3 = \frac{8}{10} \times \frac{2}{9} + \frac{2}{10} \times \frac{8}{9} = \frac{16}{45}$ $(4) P_4 = \frac{8}{45} \times \frac{2}{9} + \frac{2}{10} \times \frac{8}{9} = \frac{16}{45}$ $(4) P_4 = \frac{2}{45} \times \frac{2}{9} \times \frac{2}{10} \times \frac{2}{9} + \frac{2}{10} \times \frac{2}{9} = \frac{1}{10} \times \frac{2}{9} \times \frac{2}{10} \times \frac{2}{10} \times \frac{2}{10} = \frac{1}{10} \times \frac{2}{9} \times \frac{2}{10} \times \frac{2}{10} \times \frac{2}{10} = \frac{1}{10} \times \frac{2}{9} \times \frac{2}{10} \times \frac{2}{10}$

22.
$$\frac{6}{3}$$
 $\frac{n+1}{n}$
25. $\alpha = 2$, $\alpha = 4$, $\alpha = 0$
26. $\alpha + b = 4$, $c - b = -2$, $b + d = 10$

A $b + d = S$.: $S > 10$

$$\begin{bmatrix} 2 & 2 \\ 0 & 8 \end{bmatrix} \begin{bmatrix} 1 & 3 \\ 1 & 7 \end{bmatrix}$$

$$\mathcal{V} = (22,08) \cdot (1,3,1.7)$$

$$\begin{bmatrix} 1 & 0 & 0 \\ 1 & 0 & 1 \end{bmatrix} \begin{bmatrix} \alpha \\ b \\ c \\ d \end{bmatrix}$$

[2200] [2030] [102] [0203]

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2024.3.7 2.3
                                                                                                                                        13、日第三到, 日本日本三到秋
(a) E_{21} = \begin{bmatrix} -5 & 0 & 0 \\ -5 & 0 & 0 \end{bmatrix}
                                                                                                                                      是EB第三列
                                                                                                                                             E 7670972,993
(1) E32 0 10 0
                                                                                                                                           15. aij=21-3j azz=0
(c) p: [100] [010] = [010]
                                                                                                                                             \begin{bmatrix} -1 & -4 & -7 \\ 1 & -2 & -5 \\ 3 & 0 & -3 \end{bmatrix}, \begin{bmatrix} -1 - 4 & -7 \\ 0 & -6 & -12 \end{bmatrix}
2(1,-5,-35) (1,-5,30),3,1
( a33=7 ->5 2
            Q33=11→9 Q33=数 Bd, 无有用剂
                                                                                                                                                     E_{32} = \begin{bmatrix} i & 0 & 6 \\ 0 & 1 & 6 \\ 0 & -2 & 1 \end{bmatrix}
     7的第一约7倍和第三行
  (b) E = 010 E = 610
707
                                                                                                                                         17. y=a+bx+cx2
   (c) EE = [0,0] [0,0] = [0,0] = I (a+b+C=4) [1]

8. det M = ad-bc, M = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = [0,0] = 
    8 detM=ad-bc, M*= c-la d-lb
                        detm = ad-alb-bc+alb
                                                   =ad-bc=detM
     9. M=P23 E21 M=[0]
                                                                                                                                            a=2, b=1, c=1
        (b) M= [010] 113 BT. (0) 18. EF = [a, v] [00] [100] [100]
      E^{2} = \begin{bmatrix} 2a & 1 & b \\ 2b & 0 & 1 \end{bmatrix} \quad F^{3} = \begin{bmatrix} b & 3b \\ 0 & 3b \end{bmatrix}
F^{100} = \begin{bmatrix} 0 & 1 & 0 \\ 0 & 1 & 0 \end{bmatrix}
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20.(a) B 每到 F (a) F [1] EF = [1.1] [1.1]

EF = [1.1] [1.1]

FE-[0][[,]]
-[,]

25. 第一约十第二约二第三约

 $26. \begin{bmatrix} 1 & 4 & 1 & 0 \\ 2 & 7 & 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 24 & 4 & 1 & 0 \\ 0 & -1 & -2 & 1 \end{bmatrix}$

27.(a) d=0, c+0 (b) d=0, c=0 a.b无影响 28. AB=I, BC=I ③车E E(AB) 在 E(B)=EI

AI = A = A(Bc) = (AB) c AI = (AB) c = IC = c AI = A

doem = ad -co= A .: al

 $x = \begin{bmatrix} -7 \\ 2 \end{bmatrix} \quad x^* = \begin{bmatrix} 4 \\ -1 \end{bmatrix}$