河南工业大学求是学社。
探察论与数理统计的成书详细解答
2017.12.30.

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处于256490. 从据第37256490. 从信搜索公众号"从程",关键们 不是学社预视大家取得理想成绩! 2018, 元三快乐!



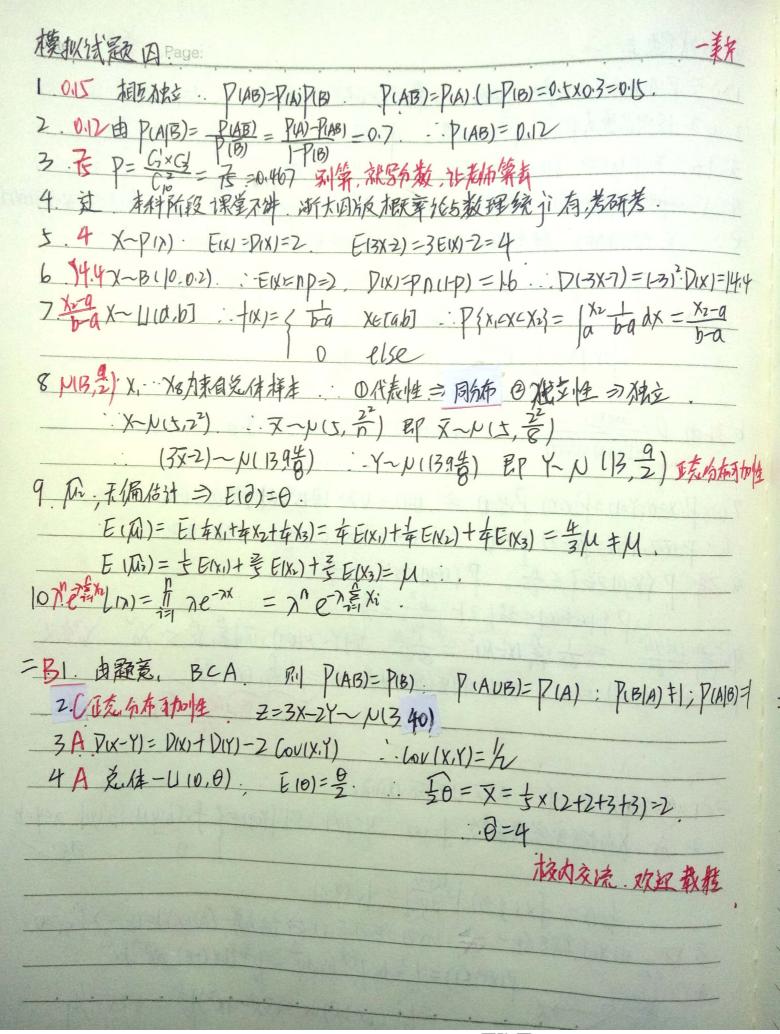
河南江北洋水足潜社 机车论向皮的吹填空外样件解
SECTIONAL AND THE PROPERTY OF
1 .0.15 P(AB)=P(AB)=P(A) P(B)=(1-P(A) (1-P(B))=0.(5)
2.018 DPIA(B) = P(BA) - P(B) P(AB) = 0.7 : P(AB) = 0.18
3 600 1 - (0.de) = 0.0dp
4. 18 X-PA) . EM=D(X)=7 P(5x2)=32 D(X)=18
上1.23图像在每一个分段点从的8大迁值即为该点未跃发
6.28 1 +x +x xx = Lin +xxy)dy = { x b dx x \(x \) (0,1) = { \(b \) x \(x \) 0 \(e \) \(e \) 0 \(e \) \(e \)
o else o else
7. $P\{ x-\mu <36\}> -\frac{6^2}{ 36 ^2}=\frac{8}{9}$
8. Ex. 4 & Aprile , 3-1(0.25)
· f(2)=京京·巴蒂· 注意,别习惯性常义.
9 hs t MSE 10).
MSE (B) = MSE (B) = (4+16+6) D(X) = = D(X)
$mse(R_0) = \pm D(x)$
MSE(届)= (+ 共 + 為 D(X) = 是 D(X)
-: MSE(D3) < MSE(D1) < MSE(D2) : 43/A/6/67 [V3]
3.过. 7考 [13.59, 18.05]
=.DI A.B至7相答 AB=
2. D 由
$O: (A \cup B) = V(A)$
C. P(B A) = P(B)
3. O. X.Y tolerate P(XY) = P(X) P(Y)
4 BX-N(1,1) * X X=1x3 1/2 B P(X=1) - P(X=1) + P(X=0) - P(Y=0) = 1/2 P(X=1) + P(X=0) - P(Y=0) = 1/2 P(X=1) + P(X=0) - P(Y=0) = 1/2 P(X=1) + P(X=0) - P(X=0) = 1/2
4BX-N(1,1) * X X=1x1 1/2 B
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模拟试题=Page:	1
	6
- 類空. 1.	Y
2.028. P(AB) = P(B). P(AB) = [1-P(B)] P(AB) -028.	
P = 0	
4) X-P(x). P(x=k)=b1e 13x21 = 1-13x-4-1 = 1-1-13x-4-1	
+ 3 E(ZXH)=ZE(X)-=ZXNXP-=3 期望性板.	
6. 8. $(x-e(x))$. $(E(x)=\frac{1}{x})$. $(Var(x)=\frac{1}{x^2})$. $(E(x^2)=(E(x))^2+Var(x)=\frac{1}{x^2}=8$.	
7 年 由加州等大湾式 $P\{ XM >26\}$ $\leq \frac{6^2}{6^2} = \frac{6^2}{46^2} = \frac{4}{6}$	
8. X2: 定义: X1.	
网络Y为自由度为内的X2分布 Y~ X2 差 X2~ X2	
9. 平加 (7考) 况课却过 82.	
二章进	
1. C: 理清题、当某汽车已知是废气排放超标、条件相较容	
2. A. $\langle F(\overline{x}) = M, S^2 = \frac{1}{M_{\odot}^2} (X_i - \overline{x})^2, \Rightarrow X \rightarrow Y^2$	
2. A. $\{E(\overline{x})=\mu, S^2=\frac{1}{M_{\odot}^2}\{(x_i-\overline{x})^2, \Rightarrow x\to x^2, E(S^2)=6^2, \overline{x}=\frac{1}{M_{\odot}^2}(x_i^2-\overline{x})^2, \Rightarrow x\to x^2, x\to x^2, x\to x^2$	
3. B 权范性 [+10 +104]= : [2 axdx. [0y2dy=] : C=====15.	
4. A. X~N(M, 計) (Fite を は 当かっし、 x を p(M, 片) 当でたったが、 X~N(M, 計) (を たんは、当かっし、 x を p(M, 片) 当でたったが、 X~N(M, 台) . 62= 日本 1 - 下がごろ.	
1 \$ [* X~ MM, 62) . 62= - FXX - [FX]=3	
- 17 N / 44767 N / 1/476 / 66 2	
三设A=统销路 A2=《销路-般》、A3=《畅销》 B=《临得到投资 B=《临得到投资	
·P(B)=P(A1) P(B(A1) + P(A2) · P(B(A2) + P(A3) · P(B(A3) =0.655	
A 11 +1x1= (= = = = = = = = = = = = = = = = = =	6
13 1) - to else P(X760) = to fix = to foe = dx = 0	5
四.设义表示库部的大于60(6)的一个	
四、投入款方。库领的大于60(h)的元件、网 X—B13. 包号)	
	1

 $P = C_3(e^{-\frac{1}{5}})^2 = 0.027$ b) \$ x20. Fix= = (x fix)=0; 当 OKXCT · FIX)= (*+ 1x)= 0+ 10 = 5:1/1 dx = - 1 cosx+1 * X71. FIXI= (1 + 1x) = 0+ (1 + 5,1/x dx + 0 = 1. 5) E(X) = 100 X+(X) = 10 = 5 XSinX= = 7. (1) 1 0.6 FIN=0.x0.4+1x0.6=0.6 FIN=0x0.4+1x0.6=0.6 E(XY) = 0 x 0.7+ |x 0.3 = 0.3; E(x2)=|x 0.6+0x0.4=0.6 COVIXIY) = 0.3 - 0.6x0.6 = 0.06 $Var(x) = 0.16 - (0.6)^{2} = 0.24$, $Var(Y) = 0.6 - (0.6)^{2} = 0.24$ $Var(x) = \frac{Cov(x, y)}{Var(x). Var(y)} = \frac{-0.06}{0.24} = -4$ 九·投入i表示.每衣你门错误个数。 产二1.2·--400 由题意、 F(Xi)=0.2. P(Xi)=0.2 ξχί~ μ(ημ, ηβ) ξχί~μ(80, 80). Σ(0-ξιχί = 88) = [10-80, ξίνι-ημ (86-80) = φ(86)] Σ(0-ξιχί = 88) = [10-80, ξίνι-ημ (86-80)] = φ(86) = 0.8/3>

Date:		Page);		
+.	a Pi	XY=0)=		0+(0+xx) 9.	
	XX	1	0		La
		0	4	0	
	0	4	0	Ā	P(x=Y)=P(x=1, Y=1) + P(x=1, Y=1) + P(x=0, Y=1) + P(x=0, Y=1)
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	May 15				

模拟状极三Payer	一美特
1.0.3 P(AUB)=P(A)+P(B)-P(AB) P(AB)=0.3	SHARE ZON
2.07.设次品率为P.:.P3=0.008. :P=0.2	CONSTRUCTION OF STREET
3.18 X-P(A) =): E(X)= A=Z=D(X); P(3x1)=9(X)=18	
4.51X)= 215x EXP-(X=4X+4) = - 1 P-1X-2/2 = - 1 P-1X-1X-1X-1X-1X-1X-1X-1X-1X-1X-1X-1X-1X-	"M=2.62 E(34)364)+
5. X.Y相互独立 联合框系率函数 = 边缘框实率密度函数的教	42. Marian Bara
X: f(x) = (\$\frac{1}{3} \text{X} \in (0.3) \text{Y: } f(x) = (3e^{-3})	×20
10 ese 10.	
(X,y)= { e-3x x6[0,3]. y20.	
Court 1	x x (1303)
b 316th P = Cou(x, Y) - Cov(x, Y) = 0.6 × [4 × [9 = 3.6]	125 F 20 35
	7-1
$7.018 P(X=0, Y=1) = P(X=0) \cdot P(Y=1) \Rightarrow 0.12 = 0.2 \times (0.32 + a) \Rightarrow a = 0$).18.
$0.2 \text{ P(X=Z,Y=1)} = P(X=Z) \cdot P(Y=1) => 0.3 = 0.6 \times (0.3+b) => 0.5 = 0.5 \times (0.3+b) => 0.5 = 0.5 \times (0.3+b) => 0.5$	2
8 7 P (N-11) 2 E] = 62 , P (N/11) < E] 2 - 62 .	TOTAL SECTION
$\frac{1}{2} \sum_{x \in [X]} x - E(x) < \frac{36}{3} = \frac{6^2}{36} = \frac{8}{3}$	~Y2 Y244.
9/2 = (xi-M)2 = = (xi-M)2 & Y= 1/2	M. WAX,
$0: S^2 \to (S^2) = 6^2 \oplus (S^2) \oplus (S^2 + (S^2))^2$	Gt.
the state of the s	A CHANGE AND COMMENT
=1.CK数有一个. ABOUABOUABO.	ILLE AN
2.A X枸橼等密度强发 tx ix). Y=g(x). 以f(y)={fx[h(y)) . h'(y) acycb
1000	de
$f_{1}(y) = f_{1}(y-3) \cdot \frac{a_{1}y_{3}}{a_{2}y_{3}} = f_{1}(y-3)$	
3. Dy由X.Y相互独立辛 FIXY)=EIX) EIY) 与t办为差 COVIX.	Y)=0 (=) Pxy=0.
40 P(X+YXI) = 1 = dx (+x bx dy = 1 = 16x (+x)-	-bx2]dx
$\frac{1}{5} \frac{1}{5} \frac{1}$	= 0.25=/4
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模拟试题至Page
1 3/4 TABAP + DIAB)=PIAI, PIO)=DIAI, (LDICE) DIBI= 3
$P = \frac{C_{4} \times C_{3}}{C_{7}} = \frac{4}{7}$
4. 1/3 X-U10.2). : E(X)= gtb = ; D(X) = (ba) = = = = = = = = = = = = = = = = = = =
3.3 最可能击中. =>接近期望 E(X)=ND=2.8 .: 次数3
+ 2/3 X-P(x) P(x= e)= Ak e-7
$\frac{\lambda^{2}}{2!}e^{-\lambda} = \frac{\lambda^{4}}{4!}e^{-\lambda} : \lambda^{2}=12 : \lambda=25$
6.03/3/7 { X >2 } = 1- P (X \le 2) = 1- P (-2 \le X \le 2) = 1- P (-2 \le X \le 2) = - P (-2 \le X \le 2) = - P (-2 \le X \le 2)
$= - \phi(05) + \phi(-15) = - \phi(05) + - \phi(15) $
$=2-\phi_{(0x)}-\phi_{(1x)}$
-0.3753
7 / 1x. 47 = { \frac{2}{2}xy^2} = \frac{2}{2}xy^2 = \frac{2}{2}xy^2 = \frac{2}{2}xdx \cdot = \frac{1}{2} \frac{2}{2} \frac{2}{2} \frac{2}{2} \frac{2}{2} \frac{2}{2} \frac{2}{2} \frac{2}{2} \f
a of 12th
8.一过.(济). [州5 ²
10. 1-2 P { ITI> } = a P { T> } = \frac{1}{2} P STCN = 1-\frac{1}{2}
[V. 1 = V [, 1 1 1 1 1 1 1 1 1 1
$= .1. A. \overline{A}B + A\overline{B} = (1-p).9 + p(1-q) = p+q$
2.C X.Y相互独立 关 E(xY)=E(x)-E(Y) (+) Car(x,Y)=0 (+) f(xY)=0 (+) f(xY
3 C 切比雪大对式. P {1x-41< {} > } > } = ?
=> P{ \frac{1}{2}\xi-n\mu \ce{1}\z -\frac{1}{2}\right -\frac{1}{2}\rig
CAMP - CAMPA P 4
4. D. (7考)
- X 644 6x8+ 100 and ax 14 harring heat
The second of th