	灵题之.
1. 11) 1/2	· 这批机器塞件主动
	本:从各体中随机地取的8个零件毛标
	本值: x=(230,243,185,240,228,186,246,200)
	「本名量: n=8
(2) 3	$x = 221$ $x^2 = 566$
3	$z = S^2 + 8\bar{\xi})^2 = 391294$
2.11) }	$ \xi_{i}-\alpha ^{2} = Z(S_{i}-\bar{S}+\bar{S}-\alpha)^{2}$
	= 3 (5i-5)2+ 2 3 (5i-5)(5-a) + 3 (5-a)
	$= 3[3i-3]^2 + n(3-a)^2$
121 3	(3;-5)2 = 35i2 - 255i5 + AZ5i2
	$= 25i^2 - 2525i + n5^2$
	= 3512-52
The same of	

3. 
$$u_1 = \frac{1}{n} \geq s_i = \frac{1}{n} \geq (s_1 + u) = s_1 + u$$
  
 $s_1 = \frac{1}{n} \geq (s_1 - \tilde{\eta})^2 = \frac{1}{s^2} s^2$ 

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## 三門峡市第一高级中学

Sanmenxia No.1 Senior High School

年 月 日

## 能力提升内容

7. \$ 1.= 5.+ 52+ 53 1/2= 54+ 55+ 56

mi 1. NN(0.3) , 12NN(0.3)

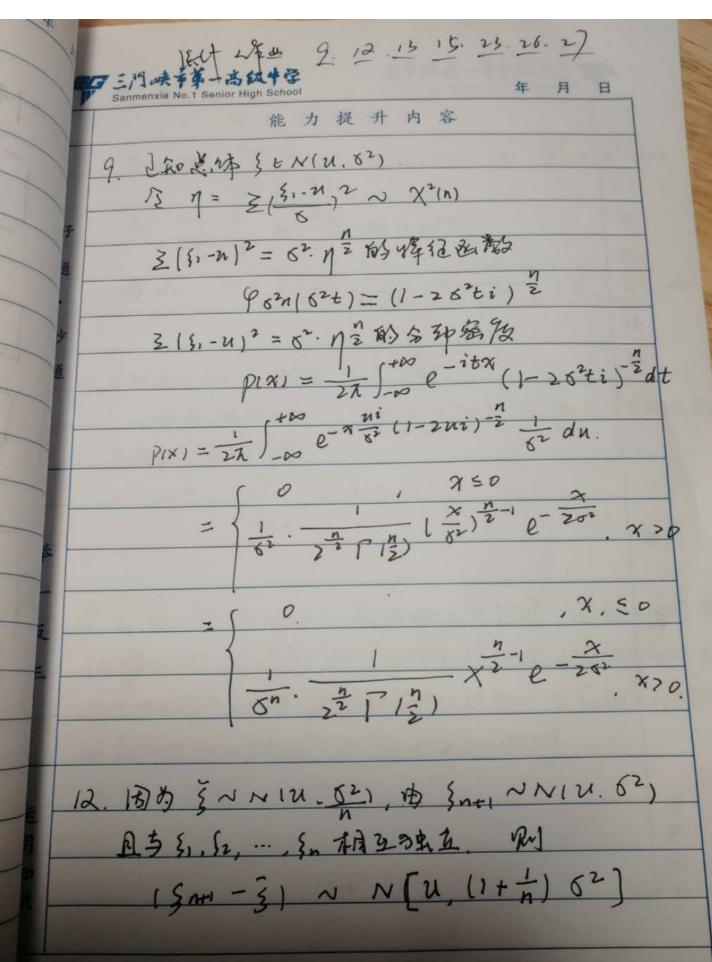
A 11, 1/2 部分主题至

12 /73: (11, 2 ~ x2(1) (12, 2 ~ x2(1)

cn = cn,2 + cn2 = 361 (n1,2+12)

A: 1/2 2 ~ (12)

四: 当3(=1. (= 字时, 随机变重 C1) 形从不分布



遇顺境处之淡然,逢逆境处之泰然。

 $|\mathbf{B} \cup \mathbf{E}, \quad | = \frac{5n+1-5}{5} \cdot \sqrt{\frac{n-1}{n+1}} = \left(\frac{5n+1-5}{5}\right) / \sqrt{\frac{n+5}{5^2}}$   $|\mathbf{B} \cup \mathbf{E}, \quad | = \frac{5n+1-5}{5} \cdot \sqrt{\frac{n-1}{n+1}} = \left(\frac{5n+1-5}{5^2}\right) / \sqrt{\frac{n+5}{5^2}}$ 

13. 270 5~ t(n), m/A 5 = VE/

本中 ペペル(0.1)、多ペタで(n)、日 久、多な日本五五

る用め まるべくい

 $\frac{\alpha^2}{\beta^2} = \frac{\alpha^2}{\beta} \sim F(1.n)$ 

15, 11, 210,99 = 2.3263. (2) 210,04 = -1.750]. (3, x297514)=21489 145 x2024 (15) = 6.2621. (5) x295 (50) = 67.5048. (6) x295 (100) = 124.3421 3 to.975(19) = 2,0930. (8) to.975(99) = 1.9842. (9) Fo.9512.6) = 5,1433 10) Fo.99 13 40) = 4.3126. (11) Fo.05 (2.6) = 0.0517.

(2) Fo.01(3.40) = 0.0379.

能力提升内容

23. 11. 12 to E\$ = E\$ = Np. D\$ = D\$ = Np(1-p) 由中心极限全理知、接本场系的松胜分布为 3 NN (Xp. Npc1-p) (2) BBES=ES=2. DS= n = 22 西北极限色理知,福本均至的极限分布的

ラNN(入, 22)

26.01 棒本极差  $R^2 = \frac{3}{20} - \frac{3}{20}$  $F(x) = \int_{-\infty}^{x} \rho(x) dx = \int_{-\infty}^{x} \frac{1}{\sqrt{2\lambda} \cdot \delta} e^{-\frac{(x-u)^{2}}{2\delta^{2}}} dx$   $F(x+2) - F(x) = \int_{x}^{x+8} \frac{1}{\sqrt{2\lambda} \cdot \delta} e^{-\frac{(x-u)^{2}}{2\delta^{2}}} dx$   $(2) = \int_{-\infty}^{\infty} 0$ 

\[ 2 \int \[ \frac{0}{F(\chi + \gamma) - F(\chi) \] \[ \pi(x) \, dx \, \gamma 70. \] FR2(2) = 50

= \ 2 \int \[ \int \fix+\fix) - \fix) \] d \[ \fix) \, \fix>0

= 2 Co F(x+2) a(F(x)) - 1, 2>0

遇顺境处之淡酸水堆连境舰也凑然。 2>0

## 能力提升内容

$$F(x) = \begin{cases} x \\ \theta - \frac{1}{2} \end{cases} + dx = 4(x - \theta + \frac{1}{2})$$

311,的多种容复

$$\frac{p_{3(1)}(x)}{p_{3(1)}(x)} = n\left[1 - \frac{1}{F(x)}\right]^{n+1} p(x) = \begin{cases} n(4\theta - 4x - 1)^{n-1} + (\theta - \frac{1}{2}, \theta + \frac{1}{2}) \\ 0 \end{cases}$$

$$\frac{(3)}{P_{5(4),51121}(X,y)} = \frac{(n(n-1)[F(y)-F(x)]^{n-2}p(x).p(y).}{0.}, x < y}$$