(NII)

Ho: 
$$P_0(x) = \begin{cases} 1, & x \in (0,1) \\ 0, & x \in (0,1) \end{cases}$$
 $H_1: P_1(x) = \begin{cases} e^{1-x} \\ e^{-1} \end{cases}, & x \in (0,1) \end{cases}$ 

Q)  $N = 1, d - g_{0} \gamma_{0}$ 

No  $T$  Hermona Pupcona

 $l = \frac{L_1}{L_0} > C$ 

11

 $P(x) = \frac{1-x}{e-1} > C$ 

(1)

 $P(x) = \frac{1-x}{e-1} > C$ 

(2)

 $P(x) = \frac{1-x}{e-1} > C$ 

(3)

 $P(x) = \frac{1-x}{e-1} > C$ 

(4)

 $P(x) = \frac{1-x}{e-1} > C$ 

(5)

 $P(x) = \frac{1-x}{e-1} > C$ 

(6)

 $P(x) = \frac{1-x}{e-1} > C$ 

(7)

 $P(x) = \frac{1-x}{e-1} > C$ 

(8)

 $P(x) = \frac{1-x}{e-1} > C$ 

(9)

 $P(x) = \frac{1-x}{e-1} > C$ 

(1)

 $P(x) = \frac{1-x}{e-1} > C$ 

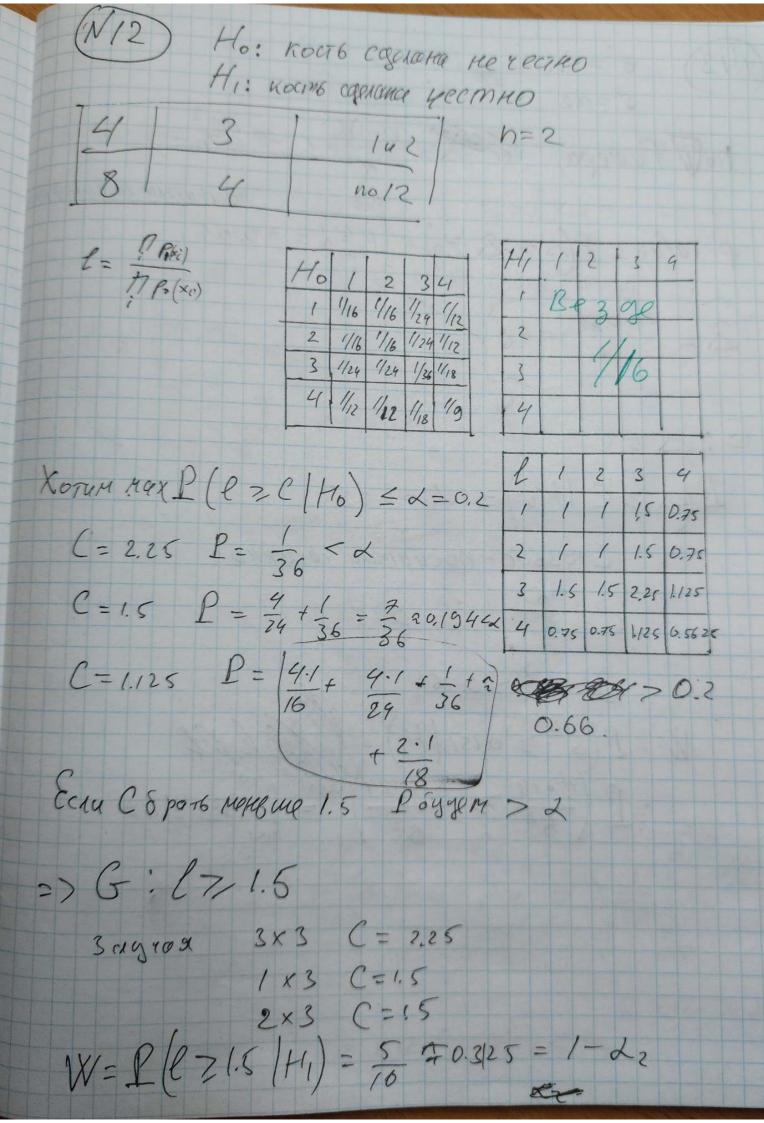
(1)

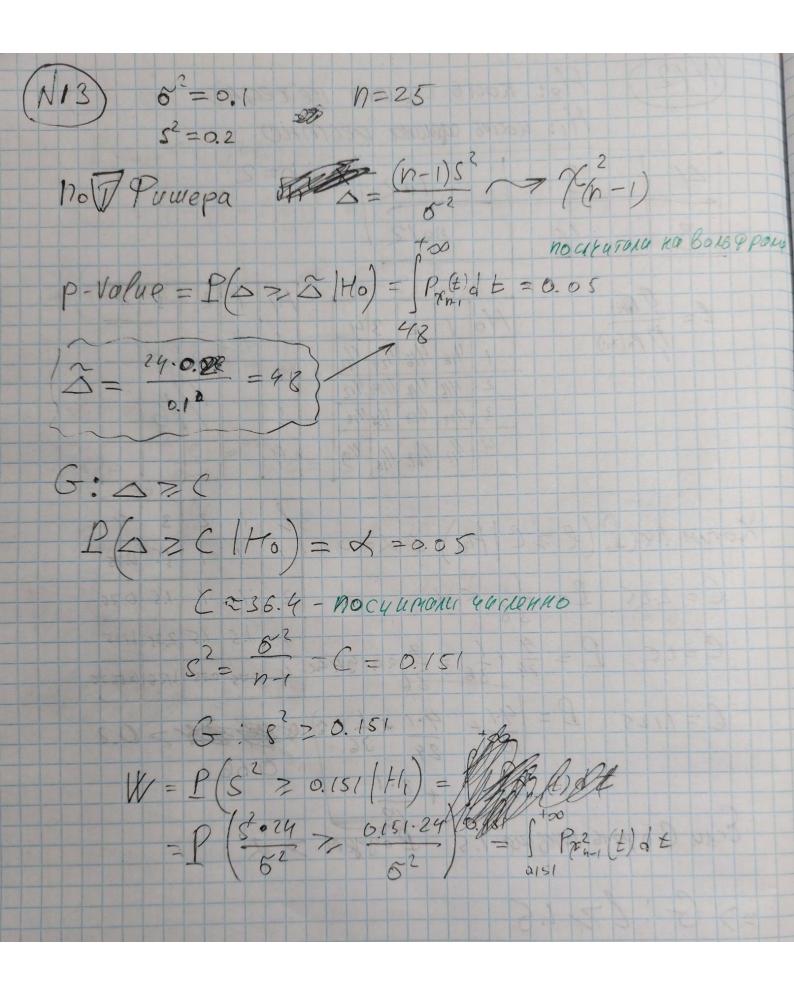
$$W = P(x_{0} \in G(H_{1})) = P(x_{0} = C \mid H_{1}) = \int_{0}^{R} e^{-x} dx = \frac{e^{-x}}{e^{-x}} e^{-x} e^{-x} dx = \frac{e^{-x}}{e^{-x}} e^{-x} e^{-x}$$

b) enl =  $\frac{Z}{i}$  en  $\frac{P_1(x_i)}{P_0(x_i)}$ Zzi-Mail ~ N(oil) InD [ni] 6 HQ: Men Pi = M[20] = M[ene-re-xi] = M[en = 1-xi] = 2/2: ] = D[ (4 = -xi] = ] (2 -xi) dx =  $\frac{x_{i}}{3} = \frac{1}{3} = \frac{1}{6} =$ P(lnl = lnc(llo) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lnc - n(lne - i) = P(lnl = n(lne - i) = lne - i) $C = q_{1-\alpha}$ luc=512 21-x + neu e -1 - 2

G: 
$$enl = lnl$$
 $lnl = \sum_{i=1}^{n} l_i = \sum_{i=1$ 

(2) G: 
$$x_{min} < C$$
 $P(x_{min} < C \mid H_b) = \lambda$ 
 $F_{min} = 1 - (1 - F(y))^n = 1 - (1 - x)^n (6, 1)$  6  $H_b$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 
 $P(x_{min} < C \mid H_b) = 1 - (1 - C)^n = 2$ 





(N14)  $(2 N N(a, 6x^2)^2 6x^2 = 2$   $(1 N(6, 6y^2)^2 6y^2 = 1$ Вабории Еп, Ут - независоные  $X = \{-1.11, -6.10, 2.42\}$   $y = \{2.29, -2.91\}$ Ho: a=6 H1: a + 8; a < 8. a > 8 no F Pauepa Jh X-3 ~ NO,1)  $\overline{\chi} - a \sim M(0, \frac{6x}{n})$ 5-6 M6 153 7-5-(9-6) AN(0; 5x + 6y)  $BH_0: \Delta = \frac{\chi - 5}{\sqrt{5}} = \frac{-1,59772.6}{1.419} \approx 0.7$ € 1.12 > × 42 m o cnobareur ors. Ho