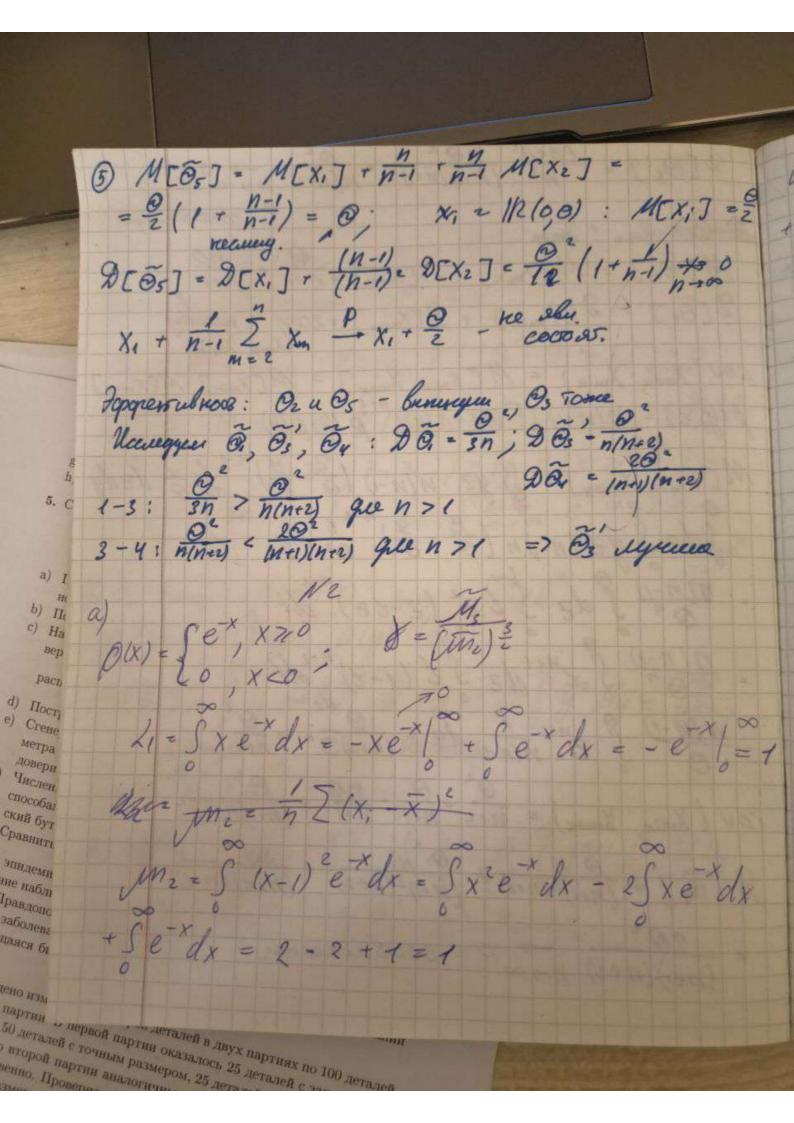
Reploe zaganie: 1) Q = 2x = 2 X x; zn IR (0,0) ×n - bredepua: 2) Oz - Xmin 3) B3 = Xmax OME = ME & E x;] - = 2 Mx; = 4) Qu = Xmin + Xmax 5) 05 = X1 + 2 Xn (N-1) = 0 - Kecob recemenyennos $9[\tilde{\theta}_i] = 9[\tilde{\eta} Z_{Xi}] = \frac{4}{n^2} Z 9_{Xi} = \frac{4}{n^2} n 9_3 = \frac{Q^2}{3n} \frac{Q^2}{n^{-20}}$ $9_3 = \frac{12}{12} - \frac{2}{12} - \frac{4}{12} \frac{2}{3n} \frac{2}{n^{-20}}$ 0 $M_{02}^{2} = M[x_{min}]: min(s_{1} - s_{n})^{2} + (1 - F(g))^{n}$ $M_{02}^{2} = M[x_{min}]: Q(y) = n(1 - F(y))^{n} P(y) =$ $M_{02}^{2} = Syn = (1 - \frac{y}{5})^{n-1} = n(1 - \frac{y}{5})^{n-1} = (0,0)$ = t= | = | fon (1-t)"dt = no B(2, n) = $\frac{1}{2} \frac{10}{10} \frac{10}{10} = \frac{10}{10} - \frac{10}{10} \frac{10}{10} = \frac{10}{10} - \frac{10}{10} \frac{10}{10} = \frac{$ Mcmpabuseum $\rightarrow O_2' = (n+1) \otimes X_{min} - xecusey.$ M[Xmin] = $\begin{cases} y^2 n (1-\frac{y}{\delta})^{n-1} & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n (1-\frac{z}{\delta}) & \text{ of } dy = \int \partial_1^2 e^2 n ($ $D[x_{min}] = \frac{20^2}{(n+2)(n+1)} - \frac{0^2}{(n+1)^2} = \frac{0^2[(n+1)2 - n-2]}{(n+2)} = \frac{0^2[(n+2)2 - n-2]}{(n+2)} = \frac{0^2[(n+2)$

(n+1)2 (n+2) Cool Care D[O'] = D[(n+1) Xmin] = 0 n 100 Mpolepna: Onjugueso: 0'2 -0 Oi = (n+1) Xmin; # 270 P (102-0172) 770 P(102'-0178) 7 P(O2'7,0+8)-P(Xmin 3 12+8) $= P(X_1 7_- X_2 7_-, X_n 7_-) = \prod_{i=1}^{n} P(X_i 7_i n + 1) =$ $= (1 - F(\frac{\Theta + E}{n + 1}))^n = (1 - \frac{\Theta + E}{\Theta (n + 1)})^n \xrightarrow{n \to \infty} e^{\frac{1}{n}} = 1$ $= (1 - F(\frac{N}{n + 1}))^n = (1 - \frac{\Theta + E}{\Theta (n + 1)})^n \xrightarrow{n \to \infty} e^{\frac{1}{n}} = 1$ $= (1 - F(\frac{N}{n + 1}))^n = (1 - \frac{N}{\Omega (n + 1)})^n \xrightarrow{n \to \infty} e^{\frac{1}{n}} = 1$ $= (1 - F(\frac{N}{n + 1}))^n = (1 - \frac{N}{\Omega (n + 1)})^n \xrightarrow{n \to \infty} e^{\frac{1}{n}} = 1$ $= (1 - F(\frac{N}{n + 1}))^n = (1 - \frac{N}{\Omega (n + 1)})^n \xrightarrow{n \to \infty} e^{\frac{1}{n}} = 1$ 3 03 = Xmax : X; = F(X); Xmax = (F(y))" P(y) = n(F(y)) P(y) (0,0) MEOJ - Synly ody = on Sy dy = nei Hoct, - allengerer, acc. recenery Сгене terpa O'3 = n+1 Xmax - Heavey. *ислен* M[0]= Sy'n() = dy = n Syn'idy = 0 n+2 D [03] = 0 n+2 - 100 (n+1)2 - 02 1 (n+1)2 доп нае размеров деталей в пи. В первой пат

9[0s'] = (n=1) no - no - n(n=2) n=0 2 cocooranne DEFENDENCE OF TO = Xmin + Xmax

M[OY] = MC Xmin] + MCXmon] = M+1 + MO = 0 9[Ov] = D[Xmin] + D[Xman] + 2 cov recurry.
(Xmex, Xmin) (0V (Xmox, Xmin) = M[Xmin Xmax] - M[Xmin] M(Xmax]

p(y, 2) = n(n-1) (F(Z) - F(y)) p(Z)p(y) M[xmin xmax] = SS y2 · n(n-1) (= - =) = = = dzdy = Sdz Syz (n-1)n (= - =) = dy = {t = = }= · 1(n-1) 8 dz Stz (2-62) dt = · n(n-1) s zn+1 dz st (1-t) n-2/+ = 1 (N-1) & 2 not 1 dz = 1 (n+4) 0 = nte COV (Xmin, Xmox) = N+2 - N+1 - (N+1) = (N+1)(N+1) D[Qu] = 02n (n+1)2(n+2) + (n+1)2(n+2) + (n+2)(n+1) = 2 20°2 (nei)(n+2) n -> 0 cogourales res.



7 = 2 | xe dx - 9 -x 1 35 xe dx - 5 e dx - 6 - 3 2 + 3 1 - 1 = 2 8= (m) = 2 с) Гария одени плогначи h = 2,344 5 1 5 2 = n-1 = (x, -x)2 M2 = n Z (x, -x)" M2 n = 2 (x, -x)2 3 = m=1 ; S = 2 m=n 8(2)= nh = 9(2-xi) - nh = [3 (1-(2+xi))] 0(2)= 4nh = (1-13-xi) x (1-13-xi) x (1-13-xi) g) d) yn 7: 50 - In ~ ~ ~ M(0,1) 2 = 1 2 x; ; Ze = 1 2 x; ; Liz 5 x e x dx; (I, - Li) ~ Ji No,1)

Zi-2, ~ N(0, 12, 21); 2, 2 N(21, 12) N = 3 $X_n = (X_1, X_2, X_n)$ $X_n = (X_1, X_2, X_n)$ O1 = X ; O2 = Xmin + Xmax ; O3 - X(2) 0) 3-p(x) M[3]= Sx. e dx = 6 Sxe dx = \$. 0° = 0 / x U[]2] = \$ \$ X e dx = \$ 0 2 0° = 20° d) 110 25 77 = MEg27 - MEg72 - @2 Yne. a) MEO,] = ME & [X;] = & MEEX,] = & nMEST= DEBOURDE TO THE MEDER SHA Ipan, Heavy. , первой партии ока

MCO2 J = M[Xmin + Xman y = = [M[Xm.n] + MOXmor]). = 2 (8 + n 0) = 0 +0 - cureyens Ucomabieno = 2 02 = (xm.n + xmux) min: Poy) = x-(1-Fcy))"
(4y) = n (1-Fcy))"
(4y) (41y)=n(1-(1-(1))n+ e= ne ME ON I SX O e Is in Mexiconer $M \subset \widetilde{O}_{3}J : \widetilde{O}_{3} = X_{12} \times \widetilde{X}_{n} = n \subset n-1 = 0 = (1 - e^{-\frac{X}{2}})^{n-1}$ $N = 2 \cdot X_{12} = n \subset n-1 = 0 = (1 - e^{-\frac{X}{2}})^{n-1} = (e^{-\frac{X}{2}})^{n-1}$ = N(n-1) (1-e-) (e-) n-1

ME () = n(n-1) Sx (1-e =) e = (n-1) dx = n(n-1) (3 x e - x(n-1) dx + Sx e - 3/4) = $= \frac{1}{n(n-1)} \left(\frac{0^2}{(n+1)^2} - \frac{0^2}{n^2} \right) = \frac{1}{n-1} - \frac{1}{n} = \frac{2n-1}{n(n-1)} = \frac{2n-1}$ 03 = 2n-1 & X2 - recurry. o) Hep- to Upatencoya - Pao: DE@] = nJ10)