Pydemmen Konspoll 11 по мачешанической скотистике Ширгойн Сергей Азанович UST-656. 14.05.20202. общее помичество шихов вработе: 2 U-nemp. cu. ben. fu (u) = 22, 4 = 2 2 , 23 = 2 -0, UTIA heugherno. Dua Oyennu 7: 2 (T) = 2n-1 min &UK} a) a seleneigennon? 6) TOPPEKTUBNOS un no Poo-Kpanepy? Secrence. a) Fu (u)= \( \begin{aligned} \frac{1}{43} dy = 2\eta^2 \begin{aligned} \frac{dy}{43} & -2\eta^2 \left( \frac{1}{24^2} + \frac{1}{2\eta^2} \right) = \eta \end{aligned} \) = 1- 92 Y= min 1 Fy(y) = 22 1 1 1 1 2 2 1 = 1 - 2 2 n Fy(y)=1-1 11-1+ 2 1 = 1 - 2 2 n  $M[Y] = \int_{y} \frac{n \lambda^{2n}}{y^{2n+1}} dy = n \lambda^{2n} \int_{y^{2n}} \frac{1}{y^{2n}} dy = \frac{n \lambda^{2n}}{y^{2n+1}(2n+1)} \neq \lambda \Rightarrow$  $\delta = (\hat{\lambda}) = \frac{1}{(a) \hat{y}(\hat{\lambda})} = 1$ I(2)= M(3 (In 212)) 2 = M { [-3] } = 9  $D[J] = \frac{1}{n} \sum_{k=1}^{\infty} \left( \frac{2n-1}{2n} \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 \sum_{k=1}^{\infty} \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \min\{U_k\} \right)^2 = \frac{1}{n} \left( \frac{2n-1}{2n} \right)^2 n \cdot \left( \frac{2n-1}{2n} \right)^2 n \cdot$ OTbez a) Curemennas, S)

X ~ N(m, 62), my 62- rengberson 7=039, n=11, x=4,32, 5°(x)=2.25. Построия доверитециюми интервал дия т Semence: 7 = P{t2, <T(X, m) < t+2, { : rge t2, t12, - Kbonimik Coeth ypolnen paup a Grogeria Cn-1=10 M-X of a St(n-1)  $\lambda_1 = \lambda_2 = \frac{1-2}{2}$ 7= P{-t 1+2 < m-X 0 < t 1+2 } 7= P {x-S(R)-+ cm < X+ + ++ 2}  $M = X - \frac{S(x_n)}{\sqrt{n}} + \frac{x_{+1}}{2}$ ,  $\frac{1+2}{2} = \frac{1+0.99}{2} = 0.995$ m = X + S(R) + 1+1 to,995 = to,000 = 3.1693 S(Xn). + 1+2 52.20 , 3,1693 x 1,4365 199 = 4,32-1,43=2,85 m = 5.75 Ophler: m=2,89, m=5,75