Marinhaubra padona No Apabers aum $f(x) = \begin{cases} 0, & x \le 2 \\ \frac{6-x}{8}, & 2 \le x \le 6 \\ 0, & x \ge 6 \end{cases}$ парашетр с: $c \int_{2}^{\infty} (6-x) dx = 4$ $c \cdot (6x - x^2) \Big|_{x}^{6} = c \cdot 8 = 1 = 7 \quad c = \frac{4}{8}$ obyricus poznoginy. $F(x) = \begin{cases} 0, x \leftarrow 2 \\ \int_{2}^{x} f(t) dt, x \in (2;6) \end{cases}$ $\frac{1}{8}\int_{2}^{x}(6-t)\,dt=\frac{1}{8}\cdot\left(6t-\frac{t^{2}}{2}\right)\Big|_{2}^{x}=\frac{1}{8}\cdot\left(6x-\frac{x^{2}}{2}-\left(6\cdot2-\frac{z^{2}}{2}\right)\right)=$ $=\frac{1}{8}\cdot\left(6x-\frac{x^{2}}{2}-10\right)=\frac{3}{4}x-\frac{x^{2}}{16}-\frac{5}{4}$ $F(x) = \begin{cases} 0, x^{2} \\ \frac{3x}{4} - \frac{x^{2}}{16} - \frac{5}{4}, x^{2} < 6 \\ 0, x > 6 \end{cases}$ $\mathbb{E}\xi = \int_{x}^{6} x \cdot \left(\frac{6-x}{8}\right) dx = \left. \frac{1}{8} \int_{2}^{6} 6x - x^{2} dx = \frac{1}{8} \left(3x^{2} \cdot \frac{x^{8}}{3}\right) \right|_{2}^{6} = \frac{3}{8}x^{2} \cdot \frac{x^{3}}{24} \right|_{2}^{6} = \frac{3}{8}x^{2} \cdot \frac{x^{3}}{24} = \frac{3}{8}x^{2} \cdot \frac{x^$

P(01744) = F(4) - F(0) = F(3) - F(0) = F(0,75) - 0 == 0-0=0 spagar yassocmi: 2 6 X ypadak or poznoginy: 1 1 7x 2 hapametp: 0, 1+ 0,3+0,2+0,1+0,1+ 905+ 50+40 +60=1 985 + 150= 1 01=0,01 -1 0 1 0 0,1 0,1 0,05 905 0,04 906

Sakonu poznognuj crnagobers: [== = x p(x) = -1. 9,25+0+ E=Ki -1 0 1 p(xi) 9,25 0,44 0,31 + 0,31= 0,06 En = & y; p(g;) = -1.0, 6+0+ 915= 2-41 -1 0 11 = -0,45 P(y) 96 0,25 0,15 Robapiagus. Fr = = = = (p(Ki,yi)) - EZ : Ep = = -1.(-1)-0,1+ (-1)0.0,8+(-1).1 0,2+0+0+0+ + 1 0,05 (-1) + 0 + 1.1 0,06 - 0,6 (-0,45) = = 91+0-0,2-0,05+0,06+0,27= = 9,18 $r_{\bar{q}} = \frac{\kappa_{\bar{q}}}{\sqrt{3}} = \frac{0.8}{9.755972 \cdot 0.739932} \approx 0.324813$ = 0,5564 σ= σ= σ= σ= 0,745922 27 - Ey p(yi) - Ez7 - (-120,6+0+0,15- (-0,45)2= =95475

3 6 дет.

4 CT. ~ 3 get.

X- rucus crang get cepes bisiopanus

$$P(X=1) = \frac{C_2^2 \cdot C_4^7}{C_0^2} = \frac{1 \cdot 4}{5} = 0,2$$

$$p(x=2) = \frac{C_2! \cdot C_4!}{C_6!} = \frac{2 \cdot 4 \cdot 3}{20} = \frac{12}{5} = \frac{3}{5} = 96$$

$$P(X=3) = \frac{C_4^3}{C_6^3} = \frac{C_4^4}{C_6^3} = \frac{4}{20} = \frac{4}{5} = 0,2$$

