## РУБЕННЫЙ КОНТРОЛЬ 10 МАТЕМАТИЧЕСКОЙ СТАТИСТИКЕ

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UY7-615

Количество листов: 4

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[m] 
$$f_{\chi}[x] = \frac{2\lambda^2}{x^3}$$
,  $\chi \ge \lambda$ ,  $\lambda > 0$ 

The second  $f_{\chi}[x]$  is  $f_{\chi}[x]$  and  $f_{\chi}[x]$  is  $f_{\chi}[x]$  in  $f_{\chi}[x]$  in  $f_{\chi}[x]$  is  $f_{\chi}[x]$  in  $f_{\chi}[x]$  in  $f_{\chi}[x]$  in  $f_{\chi}[x]$  is  $f_{\chi}[x]$  in  $f_{\chi}[x]$ 

b) 
$$D \hat{\lambda}(\vec{x}) \geq \frac{1}{n \cdot 5}$$
 $J = M \left[ \frac{1}{2N} \ln f(k) \right]^{L}$ 
 $\ln f(k) = \ln k + L \ln k - 5 \ln k$ 
 $\frac{1}{2} \ln k = \frac{1}{2} = \frac{1}{2} = \frac{1}{2}$ 
 $\frac{1}{2} \ln k = \frac{1}{2} = \frac{1}{$ 

huer 4 W2 X ~ (m, 62) m 4 6 - mugbeemute X= 0,9 n = 16 $\overline{X} = 3.52$  $S^{2}(x^{2}) = 1,21$ Дия заранных усновно интервал empouree enegypousem orpagous: Menonogyemese comamucamura:  $\frac{m-\chi}{3(\overline{\chi})} \sqrt{n} \sim St(n-1)$  $P^{\frac{1}{1}} + \frac{1-r}{r} < \frac{m-x}{s(x^{2})} \cdot \sqrt{n} < t_{1+r}^{2} = \delta$  $\begin{array}{c|c} P \downarrow & t_{1-x} \\ \hline \hline \hline & S(\vec{x}) + \overline{\chi} & \leq m \leq \frac{t_{1+x}}{2} \cdot S(\vec{x}) + \overline{\chi} = y \end{array}$ t 1+1 = t 0,05 = - t 1-1 to,95 = 1,753 - uj ma 6 muzu P 1 3,52 - 1,753 · 11 < m < 1,753 · 11 + 3,52 = 0,9 2 4,82 -1,3 < m < 8,34Om bem: m ∈ (-1,3; 8,34)