PKI Repenu coblame 30.06,21

Muneumob Areneen My 7-655 Bapuaur NSI

30.06.21

Aucurob & parote: 5

Nemperorus cn. ben. U museum nuovumo com poempereur $f_u(u) = \frac{U}{\Gamma(7)} \frac{1}{0} + \frac{U}{1} \frac{1}{0} \frac{1}{0}$ ze znarane 0>0 neighteurs. Due oyum repourope o henoryjeur examen d(U)= \$ TT ye W= (U1, ..., U4) - CA. Prosper ug ren. colon. U. I Premen un Oyema Q(U). a) neenermon? 5) sperenker no Pao-Kpanepy? Pelieure: a) $M[\hat{\theta}(\vec{u})] = M[\frac{1}{7}n\sum_{i=1}^{n}U_{i}] = \begin{cases} el-lo \\ uas. \\ 0 \times uyeuv \end{cases} =$ = \frac{1}{7 \tag{7} \tag{12}} \text{MU; = \frac{1}{12}} \text{MU; = \frac{1}{12}} \text{MU; = \frac{1}{12}} \text{MU = \frac{1}{12} \text{MU = \frac{ $=\frac{1}{\Gamma(7)}\frac{1}{\sqrt{7}}\int_{0+\infty}^{\infty}\frac{-4}{\sqrt{9}}dy=\left\{\begin{array}{l} t=4/9\\ d+\frac{dy}{\sqrt{9}}\end{array}\right\}_{+\infty}^{+\infty}$ $=\frac{1}{\Gamma(7)0^{7}}\int_{0}^{+\infty}\theta^{2}.t^{7}e^{-t}\theta dt=\frac{\theta}{\Gamma(7)}\int_{0}^{\infty}t^{7}e^{-t}dt=$ $= \frac{6}{\Gamma/7} \cdot \Gamma(8) = 70$ => heculeyereal. 8 = 2 . n. 70 = 0

D[
$$\vec{\theta}(\vec{q})$$
] = $\Delta \begin{bmatrix} \frac{1}{4}n & \frac{1}{1} & \frac{1}{4}n \\ \frac{1}{4}n & \frac{1}{1} & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_2 \\ u_3 & u_4 \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \\ \frac{1}{4}n & \frac{1}{4}n \end{bmatrix} = \begin{bmatrix} u_1 & u_4 \\ \frac{1}{4}n & \frac{1}{4}n \\ \frac{1}{4}n \\$

(Peaceer N2)

Nyems X~N(m,62) ye guareeus m 1162 Ποσμουικε gnd m golopeemeroune rumeplan

(proble y = 0,8, ecres nocae n = 3.1Luchmaraeren pompeeme zuareren X = 64.25Pemeinee: => Ogeremo m 8=0,8. h = 31;X = 69, 25; S(x) = 4.96; m - 7 Menorozyleer emancerennenej $T(\vec{x}) = \frac{m - \vec{x} \sqrt{n} \sqrt{St(n-1)}}{S(\vec{x})}$ 9 = 1,310; P1X - 90,3 · S(x) < M < X + 90,9 · S(x) (=) P/64.25 - 1,310.4,96 <m < 64.25+ 1,310.4,96 P163,083< m < 65,4176 Ombem: (63.083,65.417)