Myemb X- engreauseaux benneurosce

paremoraruero go yerempre mapa.

 $F_X(\mathbf{r}) = P(x < r) = \frac{V_r}{V_l} = \frac{C_l d}{C_l d} = \frac{d}{l} (x)$

X1, - replace nopregreobère conomicentiere m. 2. pacemarenero go Sicene morke Borrowsigenes gropungeou perpegaleres K-ou nopregrobou communemente greak=1

 $F_{\chi_{(1)}}(x) = \sum_{i=1}^{n} C_{i}^{i} F(x) (1 - F(x))^{n-i} =$

 $= \sum_{i=1}^{n} c_{i}^{i} F(x) \left(1 - F(x) \right)^{n-i} - F(x) \left(1 - F(x) \right)^{n-0}$

Summe (F(DC)+(I-F(X))) - (I-F(X))

 $= 1 - (1 - F_{CX})^{n}$

Pennue $F_{(1)}(x) = \frac{1}{2}$;

 $1 - (1 - F(x))^{n} = \frac{1}{2}$

 $2 = (1 - F(x))^{\gamma}$

 $2^{\frac{1}{n}} = 1 - F(x)$

rogenobelli F(x) = xd

 $2^{-n} = 1 - xd$

median = $\alpha = \left(1 - \frac{1}{\sqrt{2}}\right) \frac{1}{\alpha}$

D Eau d'noemen, mo x → 1 npu d → so, ronpulles d=1000 n=109 - x ~0,98 m o bel ocolembe akazueboromes ~

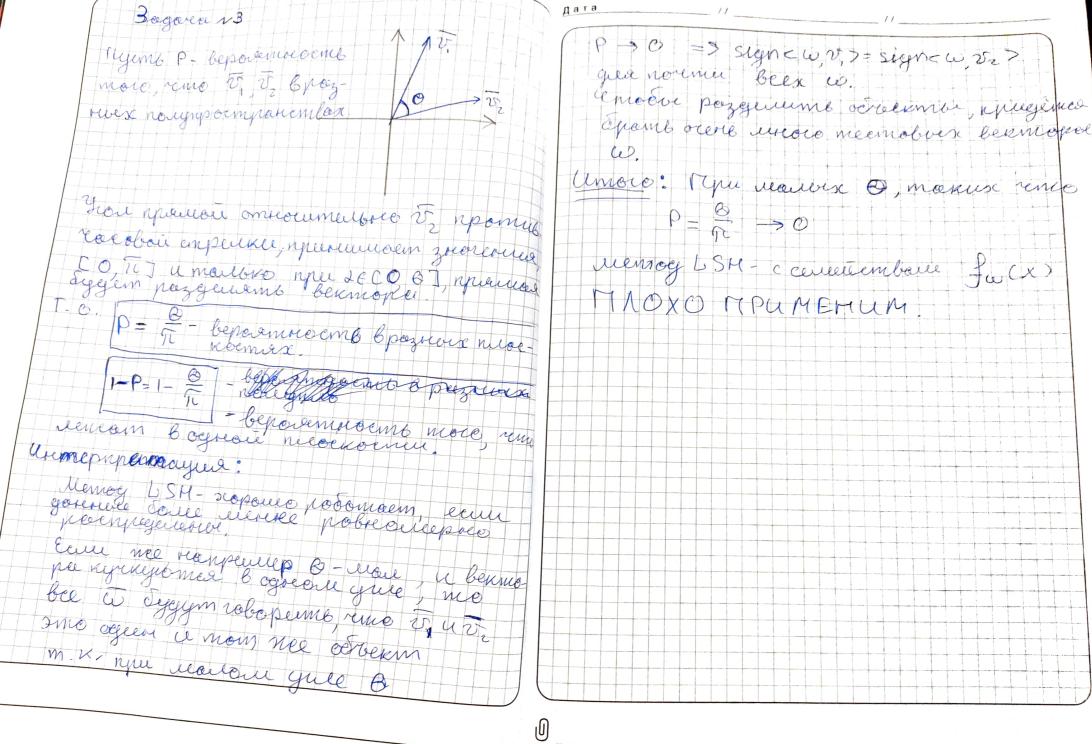
uello cocega emosiblemes messo upu-

© ryu d=10 n=1000 X≈0,48

rgu d=100, n=1012 X≈0,74 m.e. genre maroro octience becopie re schamme,

unosoe allement receplease & O.5

11 + (Q -1P1 8= 2006 < 92-02 (36:-9:)2 9 a, Beth 2(3/- 32) +062 Wern Z = (2, a) y= (y) = 12-612+(0x-6)= 8 2000 92 + 02 + 6 - 20ch $\frac{2}{2} = \frac{2}{2} = \frac{2}{2} = \frac{2}{2}$ 2 (O) X (O) 12 (= 6(8-20) 4-chemenumin = P P(V<0)=|p(0) D2=12-412= 0 = 12-X d 62-20cb ата P



Dario: $x_1, x_2, \dots x_n$ - bogyyuka B nocig Dangemene X; 300 presides enge X: > c. 6 pabreau boepyrke 6 i-vu geni6 reaurore benerente Xi Tunomezal Crumoun Xi, Xn - i i el No cymu regnero, naumu (EXn+1) - ream onengarene bogryreke 6 n+1 gent. hunomyers? X: ~ N(M, 62) Breveenbe renomogroio oбоснования чило. Xi = yi+ yiz+ - + - Yin reje Vin-bruses k-20 renobence b benjuge-A makine, creemant beingererererere yell bus ococigéracon 4117 heregeograce. Ococujerenais GTT, robosseum o maile, remo perguonomos meacurelenai GTT bepolie 6 double occupied conglegiers. Vin- re carremellore de zabelleelle

T.O regemb X: ~ N(m, 62) ~ 1 e todo D Menney Meeke mabyonogoone. $(\bar{x}, u, 6^2) = \int_{c_{-1}}^{\infty} \sqrt{2\pi_6 z^2} e^{-\frac{(x_1 - u_1)^2}{26z}}$ $qp = en L(x, u, 6^2) = -en(2u)^2 - \frac{n}{2}en6^2 - \frac{2}{2}(x_2 - du)^2$ $\Phi_{ii} = \frac{2}{2} \frac{2}{3} (x_i - iu)$ 26^2 26^2 uegue uegue=> U = \(\sum \) \(\times \times \) \(\ti $\frac{n}{cp} = \frac{n}{26^2 + \frac{1}{26^2}} (X_i - u)^2 = 0;$ Oyerke diecrepeur beepgrikel

Дата Bagara v 4 A-npousb mampuyer, A # 0 Davio: A A V = = = 5° 25 Dokamen , mo Ram h = = A 25, mo AA h = 1h, 110 $AAh = AA^{T} (Av) = \frac{1}{6} (AA^{T}) (Av) =$ 1 A (ATA2) = 1 A(6225) = $= 6 Av = 6^2 (6 Av) = 6 h$ T. o. gorogoure, remo AATh=6Th; =3 h = 5 Av - covemberence de bekmap gue nompengue AA e covem zn u=5 4.T.&