$$f(x) = \frac{1}{\theta} \left\{ (\theta, 2\theta) \right\}$$

$$M\xi = \int_{0}^{2\theta} 2 \cdot \frac{1}{\theta} dx = \frac{1}{\theta} \frac{1}{2} (4\theta^{2} - \theta^{2}) = \frac{3}{2} \theta$$

$$Mg^2 = \int_{0}^{20} x^2 \frac{L}{0} dx = \frac{L}{0} \frac{L}{3} (80^3 - 0^3) = \frac{7}{3} 0^2$$

$$2\xi = \frac{7}{7}0^2 - \frac{9}{7}0^2 = \frac{1}{72}0^2$$

I Duu:

$$d_1 = M\xi = \frac{3}{2}\theta$$

$$d_1 = \mathcal{U}\xi = \frac{3}{2}\theta$$

$$\mathcal{J}_1 = \frac{1}{n} \sum_{i} \mathcal{H}_i = \overline{\mathcal{R}} - \text{ovenue}$$

$$\Rightarrow 4=4$$
 $\Rightarrow \frac{3}{2}\theta = \overline{\varkappa} \Rightarrow$

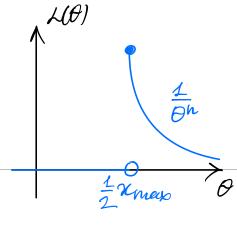
$$\Rightarrow \hat{\partial}_1 = \frac{2}{3}\bar{\chi}$$

11. OM1:

$$L(\theta) = \frac{L}{\theta h} \left((0 < \kappa_i < 2\theta) \right) \Rightarrow$$

$$\Rightarrow \begin{cases} 0 < x \text{ max} \\ x \text{ max} < 20 \end{cases} \Rightarrow \frac{1}{2} x \text{ max} < 0 < x \text{ max}$$

$$\Rightarrow L(0) \rightarrow sup \Rightarrow \widetilde{O}_2 = \frac{L}{2} \chi_{max}$$



I. OUM:
$$\widetilde{Q}_1 = \frac{3}{2} \overline{x} \overline{x}$$

$$W[\tilde{0}_1] = \frac{2}{3}W[\tilde{x}] = \frac{2}{3}M\xi = 0$$
 - heardy

$$2 \left[\partial_{1} 7 = \frac{4}{g_{n^{2}}} 2 \left[\overline{x} \right] = \frac{4}{g_{n^{2}}} n 2 \xi = \frac{\theta^{2}}{27n} \xrightarrow{n \to \infty} 0$$

no goen yen coemols:

$$\delta_1$$
—necucus $\Rightarrow \delta_1$ —coemolem
 $\mathcal{D}[\delta_1] \xrightarrow{} 0$

I. OUN:
$$\widetilde{O}_2 = \frac{L}{2} \pi map$$

$$M[\hat{\theta}_2] = \frac{1}{2}M[a_{max}] =$$

$$=\frac{1}{2}\int_{-\infty}^{+\infty}yq(y)dy=$$

Simeys:
$$\frac{Y(y) = (F(y))^n}{g(y) = Y'(y) = y'(y)}$$

$$=n(\frac{y}{0}-1)^{n-1}\frac{1}{0}$$

$$=\frac{1}{2}\left\{yn\left(\frac{y}{\theta}-1\right)^{n+1}\frac{1}{\theta}dy=\right\}t=\frac{q}{\theta}-1\right\}=$$

$$= \frac{1}{2} \int n\theta(t+1) \cdot t^{n-2} dt =$$

$$=\frac{\partial n}{\partial t}\left(\int_{0}^{1}t^{n}dt+\int_{0}^{1}t^{n-1}dt\right)=\frac{\partial n}{\partial t}\left(\frac{1}{n+1}+\frac{1}{n}\right)=$$

$$=\frac{2n+1}{2(n+1)}0\neq0\Rightarrow\partial_{2}-creerence$$

$$\frac{\partial}{\partial z} = \frac{2(n+1)}{2N+1} \hat{\partial}_{z} = \frac{n+1}{2n+1} \hat{\partial}_{z} + \frac{2n+1}{2n+1} \hat{\partial}_{z} + \frac{2n+1$$

C crabrums no accesent opq:

acusen representations: $nDEZ(n)7 \xrightarrow{g^{2}} foeld$ 1(0)

проверене ма репрертодо:

 $1.p(\alpha,\theta)-nenp$ grupq no θ na θ \vee

 $2. \frac{\partial}{\partial \theta} \int \rho(\alpha_1 \theta) d\alpha + \int \frac{\partial}{\partial \theta} \rho(\alpha_1 \theta) d\alpha =$

 $\frac{8}{9} = \int_{0}^{20} \frac{1}{\theta} dx = -\frac{1}{\theta}$

> Mojer nejergrepma

 $nP[\tilde{Q}_{1}] = \frac{O^{2}}{22}$

 $n2t02^{t}J = \frac{n^20^2}{(2n+1)^2(n+2)} \xrightarrow{n \to \infty} 0$

O2* acuseur oggenorene O1

$$\vec{a}_{h}$$
, $\xi \sim p(x,0) = \frac{1}{\theta} \{(0,20)\}$

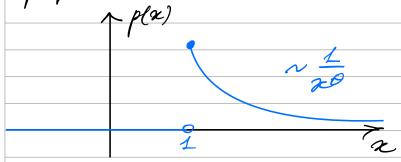
$$f(h_1 n_n) = \frac{\alpha_{max}}{\theta} \sim$$

3.
$$t_1 = 91-\beta$$
 $t_2 = 91+\beta$
 $t_3 < \frac{2}{2}$

$$\frac{n}{1+\beta} + 1$$
 $\theta < \frac{n}{\sqrt{1-\beta}} + 1$

OUN:
$\mathcal{OUN}:$ OU
0 90) = V g(0) L (0) Vg(0)

Pacupepeeenee Mapeno: 071
$$p(x) = \begin{cases} \frac{D-1}{x^0}, & x > 1 \\ 0, & x < 1 \end{cases}$$



$$L(0) = (0-1)^n \left(\frac{L}{7/\kappa_i}\right)^6$$

$$L(0) = (0-1)^n \left(\frac{1}{1/2i}\right)^0$$

$$L(1) = n \ln(0-1) - 0 \ln \ln n$$

$$= n \ln(0-1) - 0 \ln \ln n$$

$$= n \ln(0-1) - 0 \ln \ln n$$

$$= 1 \ln n$$

$$= N \ln(0-1) - 0 \prod \ln \alpha_i$$

$$\frac{\partial \ln L(0)}{\partial 0} = \frac{n}{0-1} - \sum_{i=1}^{n} \ln x_i = 0 \quad \text{Sup}$$

$$\frac{\partial}{\partial t} = \int_{t=1}^{h} dx \, dx + \int_{t=1}^{h} dx \, dx + 1$$

$$8. \text{ foliagementation and fine degeneral}$$

$$\frac{\partial}{\partial t} + \frac{\partial}{\partial t} dx = -\frac{\partial}{\partial t} dx + \frac{\partial}{\partial t} dx + \frac{$$

$$\frac{\partial}{\partial x} = \frac{h}{\sum x_{1}x_{2}} + 1$$

$$\frac{\partial}{\partial x_{1}} = \frac{h}{\sum x_{1}x_{2}} + 1$$

$$\frac{\partial}{\partial x_{2}} = \frac{h}{\sum x_{1}x_{2}} + 1$$

$$\frac{\partial}{\partial x_{2}} = \frac{h}{\sum x_{2}x_{2}} + 1$$

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$$\frac{\partial}{\partial x_{1}} = \frac{h}{\sum x_{$$

в. acusens jobeput and

B= = n Zaxi +1

 $AO = O \qquad \forall f = 1$

r(0)=0-1

 $f(\delta) = \delta \qquad I = (0-1)^2$

 $-496 < \sqrt{n} \frac{\widetilde{O} - O}{8 - 1} < 496$

 $\frac{n}{\Sigma \ln x_{i}} + 1 - 496 \frac{\sqrt{n}}{\Sigma \ln x_{i}} < \theta < \infty$

< h +1+ 496 Th Thing

allelent unt fil O no Olell

e pougeou: