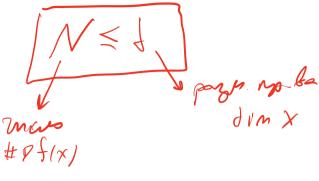
revenue 6. l'enerne pour moneproti (beryviori) mongrammon

f(x1-langue. Monoumatere MIN f(x) XEQSIRI Q-rosso. Born 15(y)-5(x)1≤M11y-x112 -> M. Lopsch. 110 f(y)-17 f(x))12 = L/14-x12 -> L- Lipsch gras f(y)=f(x)+<pf(x), y-x>+ 211y-x1/2 -> M-Cum. Bom M-Lipsch. | L-Lipsch. good. W= # 77(x) JLE? C Mossi banyre. } go Wici. M-CUMM. Bom. 5 In Con (MR2)

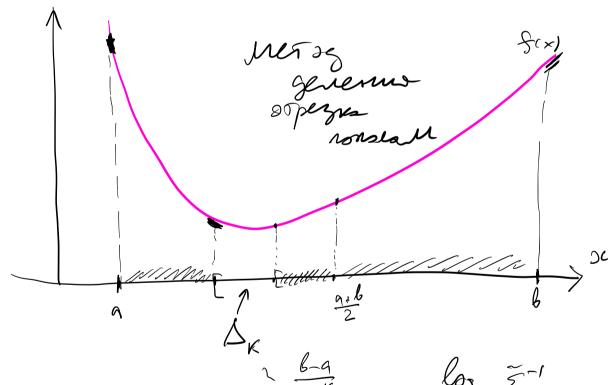
R= 11x0-x.112 Sunx. pen. xxº

$$\frac{1}{2} = (x^{\prime}) - f(x^{\prime}) \in \mathcal{E}$$



N> 1 ? A wo eam

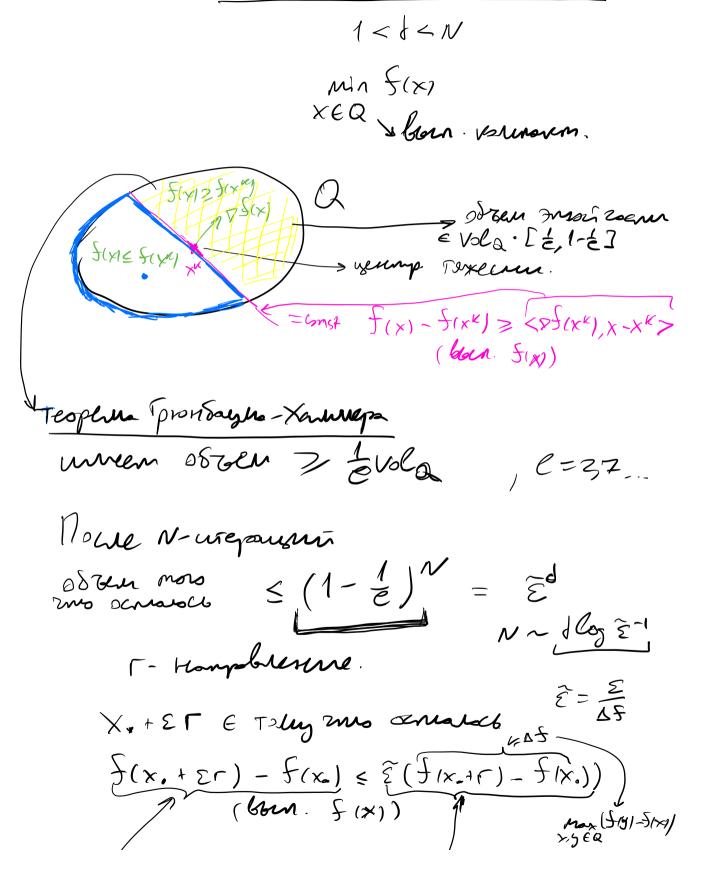
> Myn f(x) XE[a,b] (×)



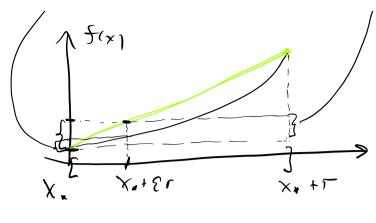
/Nr Cog22-1

loje ž-1

= (b-a)/2



Meroys usungos rexecum



N= dlag (Af) ommun.

IR de la constant de

Pouce usungs Texecus Hit and Run

 $X^{KH} = T(X^{K})$ $Um \ X^{K} = X.$ $X = T(X_{-})$

Menny Innunionals

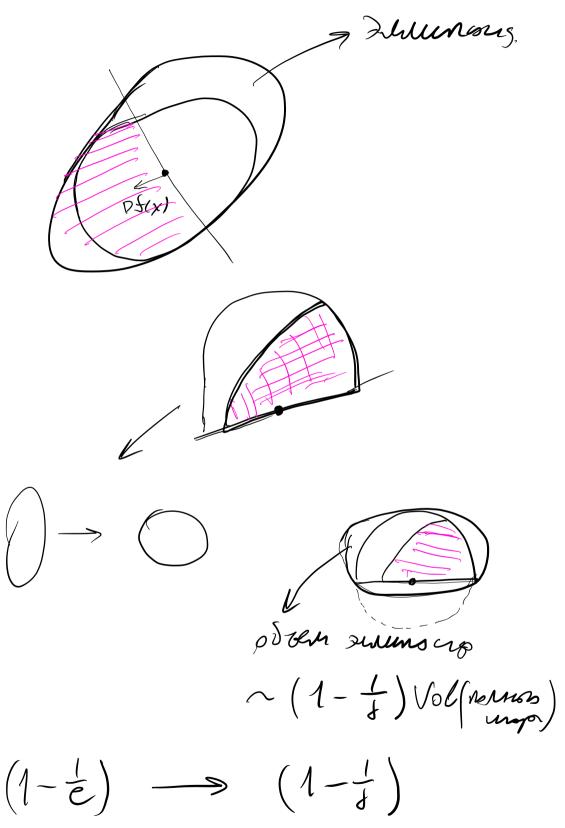
$Df(x) \rightarrow N = J^2 \log \frac{MR}{E}$ Cushhamb unequipmen $\partial(\partial^2)$

17:

<C,x>= nin Ax=b x70 Herryolen Herryolen Herryolen Mop

A(1) = 9/6

Mn f(x)



$$(1-\frac{1}{3})^{N} \sim \varepsilon^{\frac{1}{3}}$$

$$\sqrt{1-\frac{1}{3}} \log \varepsilon^{-1}$$

MIN MAX =

max min
$$\{\sum_{i=1}^{n}(px_i-f_ix_i)\}-pC\}$$

 $x_i \ge 0$ p $(px_i-f_i(x_i))$ $-pC$
 p (p) (p)

min
$$\psi(p) = \sum_{i=1}^{n} \{px_{i}(p) - \int_{i}(x_{i}(p))^{2}\} - pC$$
 $\psi(p) = \max_{i=1}^{n} F(x_{i}p) = F(x_{i}p_{i},p_{i})$
 $\psi'(p) = F_{x}'(x_{i}p_{i}p_{i}) \times (p_{i}) = F_{x}'(x_{i}p_{i},p_{i}) = 0$
 $\psi'(p) = \sum_{i=1}^{n} (x_{i}p_{i}p_{i}) \times (p_{i}p_{i}) = 0$
 $\psi'(p_{i}) = 0$