Repabeuerbo Koum gna Cymm
di >0 ; 1/2 Edi > "Saz...an" Duazareacorbo: $f(x) - boyunan, di = \frac{1}{n}$ No repassence by Vencera $f(\frac{1}{n}.a_1 + \cdots + \frac{1}{n}a_n) \ge \text{Lastan}$ $\frac{1}{n}f_{n}(\alpha_{1}) + \frac{1}{n}f(\alpha_{2}) + \dots + \frac{1}{n}f(\alpha_{n})$ bepen to hx In (1/2 as + ... + fan) 7/2 In as + fuluaz + ... + fuluan $\ln\left(\frac{\alpha_1+\alpha_2+\dots+\alpha_n}{n}\right) > \frac{1}{n}\left(n\left(\alpha_1\cdot\alpha_2\dots\alpha_n\right)\right)$ In (d1+d2+...+dn) > ln (d1 - d2 ... dn) a the Decrohekycupyon: $\frac{d_1 + d_2 + \dots + d_n}{n} > (d_1 \cdot a_2 \cdot \dots \cdot a_n)^n$

M.T.ig.

Republication Kaure (Marie murereaux) Kerronewarka $I_q = \frac{1}{b-a} \int f - q p \cdot \alpha p u p m.$ a pablos nacru exp (1/6-a 5/n+) - cp. reometysweekso $x = x = \alpha + \frac{b-\alpha}{m} k$ => \ , \(\frac{F(\chi_e)}{...}\) fe Cla, bJ, f>0 explina $\int \ln f$) $\leq \frac{1}{b-a} \int_{a}^{b} f$ Donazerreno Uto (NON) < cpapapa Cp. Rom.

Denum da n pabubex Xx= a+ 6-a.k => 6 tours! P(xx) = F(xx) (xx 1x5) $=f(s_{\omega})*\left(\frac{b-\alpha}{n}\right)=\frac{f(s_{\omega})\cdot (b-\alpha)}{(b-\alpha)}$ $= 7 \leq f(8x)(b-a) = f_{00} f(x)$ => Ig= 1501. Ef(16). (6-0) = = Ef(su) no boebegenory panel Cp. reom. $exp\left(\frac{1}{b-a}\int_{\alpha}^{b}\ln t\right)=exp\left(\frac{1}{ba}\cdot\frac{\sum \frac{1}{k}n(f(s_{k}))\cdot (ba)}{n}\right)=exp\left(\frac{\sum \frac{1}{k}n(f(s_{k}))\cdot (ba)}{n}\right)=exp\left(\frac{1}{ba}\cdot\frac{\sum \frac{1}{k}n(f(s_{k}))\cdot (ba)}{n}\right)=exp\left(\frac{1}{ba}\cdot\frac$ = (=) + ({ ()) + () m2) ... + (S) $Cp. 2eom. \leq cp. apaga.$ $Tf(g_1) \cdot \cdot \cdot f(g_n) \leq 2 \frac{f(g_k)}{n}$ Cobeputation reperod, n > 2b $exp(b-a) lnf) \leq Ig = \frac{1}{(b-a)} f$