SEKULA & 10.

CTRAMBA KOWY TAPPANETP



Mox40 MOKAZATO, 470 Jun (L) >
$$\frac{\lambda_n}{2}$$

$$p(\hat{L}-v) = p((\hat{L}-v)) + p(o, r_n) \leq 2p(\hat{L}) - p_{AUUA} \times BOCTA$$
 $p(\hat{L}-v) = p((\hat{L}-v)) + p(o, r_n) \leq 2p(\hat{L}) - p_{AUUA} \times p_{BOCTA}$
 $p(\hat{L}-v) = p((\hat{L}-v)) + p(o, r_n) = p(\hat{L}) + p_{AUUA} \times p_{BOCTA}$
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 $p(\hat{L}-v) = p(\hat{L}-v) + p(\hat{L}-v) + p(\hat{L}-v) = p_{AUUA} \times p_{BOCTA}$

C regnow cropondly,
$$p(\widehat{L}-v) \stackrel{\text{psf}}{=} \det(L) \cdot \sum_{b \in L} p(b) \cdot e^{-2\pi i \cdot \langle b, v \rangle} \det(L) \left(1 + \sum_{b \in L} p(b) e^{-2\pi i \cdot \langle b, v \rangle} \right)$$

TO HACHENDER &, T.U.

THE CLUENCHAMA, TACKBELLON ELBARABA LEGICIEN P. Ansternaturius of the Color of В дальней шен или интересно Е=2". JENNAL YL, YC, YS= DE(L): PO(L+c) & [1-8, 2+8]. det(2) 4 $p_0(L+c) \stackrel{\text{PSF}}{=} det(\widehat{L}) \sum_{\widehat{b} \in \widehat{L}} p_{\underline{b}}(\widehat{b}) e^{-2\pi i \langle \widehat{b}, c \rangle} = det(\widehat{L}) \left(\underbrace{1 + \sum_{\widehat{b} \in \widehat{L} \setminus \{0\}} p_{\underline{b}}(\widehat{b}) e^{-2\pi i \langle \widehat{b}, c \rangle}}_{>0} \right)$ $= det(\widehat{L}) \left| \underbrace{1 + \sum_{\widehat{b} \in \widehat{L} \setminus \{0\}} p_{\underline{b}}(\widehat{L}) e^{-2\pi i \langle \widehat{b}, c \rangle}}_{>0} \right| \Rightarrow$ =) $(1-\epsilon)$ det(1) $\leq g_{\sigma}(Hc) \leq (1+\epsilon)$ det(2). Jzh (L) < In L-Pereitrica, L SIR.

 $4 \times 6 > \frac{\Gamma_n}{\lambda_i(\hat{\Gamma})}$ $\Gamma_{\text{locaxen}}, \quad \beta_{\frac{1}{6}}(\hat{\Gamma}) \leq 1 + 2^{\frac{n}{2}}, \quad \text{T.e.} \quad \beta_{\frac{1}{6}}(\hat{\Gamma}) \leq 2^{\frac{n}{2}}$ d. 2(2) > Tr!

2 (62)=d 21(2)>(n 1. $p_{\sigma}(\hat{1}|01) = p_{1}(\sigma.\hat{1}|01) = p_{1}(\sigma\hat{1}|B(0,\pi))$ $p_{\sigma}(\hat{1}|01) = p_{1}(\sigma.\hat{1}|01) = p_{1}(\sigma.\hat{1}|B(0,\pi))$

2. PRAMILIA XBOOTA: P. (8] 18(0, Fm) 2 cn p (6), CL 1.
3. p(6) = p(6) | B(0, Fm)) + p(0) nB(0, Fm)) = p(0) | B(0, Fm)) +1

$$\leq c^{n} p(\sigma L) + \frac{1}{4}$$
 $p(\sigma L) \leq c^{n} p(\sigma L) + \frac{1}{4} \Rightarrow p(\sigma L) \leq \frac{1}{4 \cdot c^{n}}$
 $\Rightarrow p_{L}(L | log) \leq c^{n} p(\sigma L) \leq \frac{e^{n}}{1 \cdot c^{n}} \leq 2^{n} \text{ and } C = \sqrt{\frac{2T}{e^{2T-1}}}$

Nemma 3 B = QR - BASUC L. Torza

M3 REMNUL 2 DOCTATORNO TOKASAMO, UMO LOK-NO, UMO DOK-NO, UMO λ₁ (Î) ≥ min ĉi = min 1 7 1 7 max ch-iti,n+i+1 max cii