In the other words,

$$\begin{aligned}
& V_{\alpha}(u) = f(-\infty) = \lim_{k \to 0} \frac{Sup}{\log_{\alpha} + 1} \\
& V_{\alpha}(u) = f(-\infty) = \lim_{k \to 0} \frac{Sup}{\log_{\alpha} + 1} \\
& Bq \quad converting of f(+) ogens, \\
& f(+) - f(\log_{\alpha} R) \leq (t - \log_{\alpha}) f(-\infty) = (t - \log_{\alpha}) V_{\alpha}(0) , \quad t \leq \log_{\alpha} R \\
& f(+) - f(\log_{\alpha} R) \leq (t - \log_{\alpha}) f(-\infty) = (t - \log_{\alpha}) V_{\alpha}(0) , \quad t \leq \log_{\alpha} R \\
& f(+) - f(\log_{\alpha} R) \leq (t - \log_{\alpha}) f(-\infty) = (t - \log_{\alpha}) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad t = \log_{\alpha} V_{\alpha}(0) \cdot (t - \log_{\alpha}) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad t = \log_{\alpha} V_{\alpha}(0) \cdot (t - \log_{\alpha}) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad t = \log_{\alpha} V_{\alpha}(0) \cdot (t - \log_{\alpha}) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad t = \log_{\alpha} V_{\alpha}(0) \cdot (t - \log_{\alpha}) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad t = \log_{\alpha} V_{\alpha}(0) \cdot (t - \log_{\alpha}) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad f(R \subset > \alpha) \quad (Ui_{3}) \leq C \log_{3} S - \alpha_{1} + O() \quad new \quad \alpha) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad f(R \subset > \alpha) \quad (Ui_{3}) \leq C \log_{3} S - \alpha_{1} + O() \quad new \quad \alpha) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad f(R \subset > \alpha) \quad (Ui_{3}) \leq C \log_{3} S - \alpha_{1} + O() \quad new \quad \alpha) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad f(R \subset > \alpha) \quad (Ui_{3}) \leq C \log_{3} S - \alpha_{1} + O() \quad new \quad \alpha) \\
& For \quad 3 \in B(\alpha, R), \quad worke \quad f(R \subset > \alpha) \quad (Ui_{3}) \leq C \log_{3} S - \alpha_{1} + O() \quad new \quad \alpha) \\
& For \quad 5 \in O(\Omega), \quad (u = \log_{3} (+1), \quad shen \quad V_{\alpha}(u) = \operatorname{ord}_{\alpha}(+) = \operatorname{ord}_{\alpha}(R) \quad max \quad f(R \in \omega) \quad V_{3}(\alpha) = \alpha \\
& f(n \quad ay \ ay \ ay \ bx \ consume \ is \\ NoT \quad forge \\
& F_{3}, \quad X: R \to R \quad consume , \quad f(R \cap \alpha) \quad f(R \cap \alpha) \quad f(R \cap \alpha) \quad f(R \cap \alpha) \\
& f(n \quad ay \ apped \ X: (0) = -\log_{3} (-\varepsilon) \quad or \quad (t +)^{\alpha}, \quad (e_{\alpha}(c)) \quad f(0) \quad f(0)$$

$$\begin{array}{l} [\underline{B}\\ Lebog numbers for priviles (1,1)-currents. (bially, $T=\frac{1}{T}\partial \mathcal{B} \mathcal{H}, \ U \in p(h) \\ \underline{\Omega} \subseteq \Omega^{n}, \quad T: d-doed privile (1,1)-currents on Ω , $\omega = \frac{1}{2}\overline{1}\overline{3}\overline{1}\overline{3}^{2}$. Euclidean $G_{T}^{-} := T \wedge \frac{\omega^{n+1}}{(n+1)!} - the frace measure of T \\ H:= C^{n}: \ linear subspace of dist_{E} = n+1 \\ Given a \in \Omega, \quad FMT: \quad \frac{G_{T}(B(a_{1}n))}{(H_{T})(B(a_{1}n))} = \int_{B(a_{1}n)}^{T} \wedge \frac{\omega^{n+1}}{(H_{T})!} \int_{B(a_{1}n)}^{T} \frac{1}{(H_{T}n)!} \quad T_{T} \\ Him line \downarrow \quad \frac{G_{T}(B(a_{1}n))}{G_{H}(B(a_{1}n))} := \mathcal{V}(T, \alpha) = \mathcal{V}_{\alpha}(U). \\ Then line \downarrow \quad \frac{G_{T}(B(a_{1}n))}{G_{H}(B(a_{1}n))} := \mathcal{V}(T, \alpha) = \mathcal{V}_{\alpha}(U). \\ \hline H = [Z_{T}] = \sum m_{T}[Z_{T}], \ where Z_{T} = dist(S) \quad The same hologon had flaction of them the conduct $Y > c$.
 $X_{1}c: \ complex \ mHa \ L : hd line hall \ m X, i.e. \ L \in H^{1}(X, (G^{n})) \\ is given by the doots: \quad X = \bigcup V_{N} \ a, \ \delta_{n}g \in \mathcal{G}^{n}(V_{n} \cap V_{T}) \ satisfy a \\ \delta_{n}g^{2} = \delta_{pN} \end{array}$$$$$

a hol section
$$S = \{S_{H}\}$$
 is given by $S_{H} \in O(V_{H})$ satisfying $S_{H} = \int_{M_{P}}^{M_{P}} S_{P}$
a smooth metric for $[$ is given by $S_{H} \in C^{\infty}(V_{H})$ satisfying $S_{H} = \int_{M_{P}}^{M_{P}} S_{P}$
 (M_{P}) with $h_{H} = e^{-2P_{H}}$ for some $P_{H} \in C^{\infty}(V_{H})$ i.e. $h_{H} = |Q_{H}_{P}|^{-2}h_{P}$
 (M_{P}) with $h_{H} = e^{-2P_{H}}$ for some $P_{H} \in C^{\infty}(V_{H})$ i.e. $h_{H} = |Q_{H}_{P}|^{-2}h_{P}$
 (M_{P}) with $h_{H} = e^{-2P_{H}}$ for S_{H} (M_{H}) (M_{H}) with $Q_{H} = Q_{P} + \log |Q_{H}_{P}|$
 (M_{P}) with $h_{H} = e^{-2P_{H}}$ for M_{H} (M_{H}) $(M_{$

Exercise 4. (to make it more precise, we assume that X is Kaehler or $c_1(L)$ is a Bott-Chern class)

(a) Si, So, ..., Sile
$$H^{\circ}(X, M)$$

define $Q_{ij} = \log \left(\sum_{i=1}^{N} S_{ij}(2m)^{j_{2}} , 4m - Q_{ij} = q_{ij} + \log |Sig|, Q_{ij} \in Ph(M)$
(a) Let $S_{1}^{(m)}, ..., S_{Nn}^{(m)} \in H^{\circ}(X, M)$, $M \in \mathbb{N}$
define $Q_{ij}^{Suj} = \log \left(\sum_{m=1}^{\infty} \Theta_{m} \sum_{k=1}^{M} |S_{k,i}|^{2m} \right)^{j_{2}}$, where $[\Theta_{ij} \times n]$ is a survive
 $Sit \sum_{j=0}^{\infty} \Theta_{j} \sum \dots Convertso.$
Exercise* 5. (Ref. [Boucksom-Eyssidieux-Guedj-Zeriahi, Acta 2010, prop. 6.5])
 $\frac{M}{M} / E_{ij} \times \frac{1}{M}$
Let X_{ij} be a pay, mfd, L a prof. Whe but on X , $\theta \in C_{ij}(L)$ a sim ref.
Let $Q_{inim}^{inim} = Sup \left[U_{ij} \otimes 0 \ \theta + \frac{1}{N} \partial \partial U \ge 0$ in the source Cunnets)
Let $S_{1}^{(m)} \dots S_{Nn}^{(m)} \in H^{\circ}(X, m)$ be the basis of $H^{\circ}(M)$, $M \in \mathbb{N}$.
Then $R(L) = \bigoplus_{ij=1}^{\infty} H^{\circ}(X, m)$ is finitely generated $\bigoplus Q_{inim}^{inim} = Q_{inim}^{Sin} + O(n)$.
 $\frac{Multiplies Udeal alexag}{16}$:
Local are. $\Omega \subseteq C^{m}$, $\Psi \in Ph(\Omega)$

Def. the mutiplier ideal theory associated to q is defined by $T(q) = \bigcup T(q)_x$, where $T(q)_x = \int f \in O_x | H_1^2 e^{2q} \in [\frac{1}{x}]$.