¨a

$_UGAuga-logo[height=2cm]acad-logoacademie_logo2acad-logo$

ä

ä
$-K_X$
ä$X-K_X \geq 0$
$-K_X$ö

$H^{1,1}(X,R)$

$NS_R(X)$

$\mathcal{K}_{NS}$

$\mathcal{E}_{NS}$

X
$\mathcal{K}_{NS}()A(AH^0(X,\mathcal{O}(A))X)$
$\overline{\mathcal{K}}_{NS}DLDD\cdot C\geq 0C$
$\mathcal{E}_{NS}D=\sum c_jD_jc_j\in R_+$
$\mathcal{E}^\circ_{NS}Dh^0(X,\mathcal{O}(kD))\geq c\,k^{\dim X}k$
$L^2\overline{\partial}$.

$NS_R(X)$

$\mathcal{K}_{NS}$

$\mathcal{E}_{NS}$

XääT$(1,1)TT\geq\delta\omega\omega\delta\ll 1$
äT
$\alpha\in\mathcal{E}^\circ\Leftrightarrow\alpha=\{T\}T=$ä
$\mathcal{E}^\circ(1,1)$ $T_m\in\alpha=\{T\}$
$\exists\mu_m:\widetilde{X}_m\to X$

$E_mQ\widetilde{X}_m\frac{1}{m}Z\beta_m$ä$\widetilde{X}_m$
$T=i\partial\overline{\partial}\varphi\varphi X\varphi_m\varphi$

$(g_{\ell,m})$

$L^2\varphi_m\geq\varphi-C/m\varphi=\lim_{m\to+\infty}\varphi_m$
.$(g_{\ell,m})\mathcal{I}(mT)=\mathcal{I}(m\varphi)\mu_m:\widetilde{X}_m\to X$

$QE_m\widetilde{X}_mT_m=i\partial\overline{\partial}\varphi_m\beta_m=\mu_m^*T_m-[E_m]\beta_m=i\partial\overline{\partial}\psi_m$

$h\mathcal{O}(-mE_m)\beta_m\widetilde{X}_m\beta_m$ä
$\alpha=c_1(L)L|mL|m\gg 1Q$

$|mL|E_m+D_mL$ä