

# ERRATA TO "HOLOMORPHIC MORSE INEQUALITIES AND BERGMAN KERNELS"

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- page 48, equation (1.5.31), instead of  $R^F$  read  $R^E$ .
- page 132, line 5, instead of  $L_{0,q-1}(X, E)$  read  $L_{0,q-1}^2(X, E)$ ,  
instead of  $L_{0,q}(X, E)$  read  $L_{0,q}^2(X, E)$ .
- page 132, line -3, instead of **finite dimensional** read **a finite dimensional subspace of  $\Omega^{0,q}(X, E)$** .
- page 209, Problem 4.8, instead of **still hold** read **still hold on an appropriate open set of  $X$** .
- page 228, line -4, instead of **unique** read **unique (up to a positive constant)**.
- page 237, line -5, instead of  $(X, \mathcal{V})$  read **the Riemannian orbifold  $(X, \mathcal{V})$** .
- page 285, Theorem 6.3.16, instead of  $S \subset \mathbb{C}^m$  read  $S$ .
- page 286, line -1, instead of  $S \subset \mathbb{C}^m$  read  $S$ .
- page 301, equation (7.2.19), instead of  $p^{-\alpha/2}$  read  $p^{-|\alpha|/2}$ .
- page 306, equation (7.3.23), instead of  $p^{-1/2}$  read  $p^{-1}$ .
- page 308, equation (7.3.40), instead of

$$\frac{1}{\sqrt{p}} P_p \left( \nabla_{\eta(d(x,y))(\frac{\partial}{\partial z_j} + \frac{\partial}{\partial \bar{z}_j})_x}^{L^p \otimes E} T_p \right) P_p.$$

read

$$\frac{1}{\sqrt{p}} P_p (\nabla_X^{L^p \otimes E} T_p) P_p, \text{ with } X \in \mathcal{C}^\infty(X, TX), X(x_0) = \frac{\partial}{\partial z_j} + \frac{\partial}{\partial \bar{z}_j}.$$

- page 308, instead of **an even degree polynomial** read **a polynomial**.
- page 309, equation (7.3.50), instead of  $p^{i/2}$  read  $p^{(i-1)/2}$ .
- page 309, line 1 after equation (7.3.50), instead of **odd polynomials  $\tilde{R}_{r,x_0} \in \mathbb{C}[Z, Z']$**   
read **polynomials  $\tilde{R}_{r,x_0} \in \mathbb{C}[Z, Z']$  of the same parity as  $r$** .
- page 312, line -5, instead of **Theorem 7.4.2 also holds for  $f \in \mathcal{C}_{\text{const}}^\infty(X)$**  read  
**Theorem 7.4.2 also holds for  $f \in \mathcal{C}_{\text{const}}^\infty(X, \text{End}(E))$** .
- page 353, Theorem B.1.6, instead of  **$X$  be a complex space** read  **$X$  be a normal complex space**.
- page 370, Theorem B.5.1, instead of  $H_{\text{dR}}^{2\bullet}(X, \mathbb{C})$  read  $H^{2\bullet}(X, \mathbb{C})$ .

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