ERRATA FOR “GENERALIZED RICCI FLOW”

• Chapter 4
  (1) page 76, every instance of $\phi_t\ast$ should read $\phi_t^\ast$.

• Chapter 5
  (1) page 95, the displayed equation in the statement of Lemma 5.11 should read
  \[
  \left( \frac{\partial}{\partial t} - \Delta \right) R = -\frac{1}{2} \Delta |H|^2 + \frac{1}{2} \text{div div } H^2 + 2 \langle \text{Rc}, \text{Rc} - \frac{1}{2} H^2 \rangle.
  \]
  (2) page 104, the first displayed equation of Proposition 5.21 should read
  \[
  \sup_{M \times [0, \frac{\alpha}{2}]} |\text{Rm}| + |H|^2 \leq K.
  \]
  (3) page 104, the second displayed equation of Proposition 5.21 should read
  \[
  \sup_{M \times t} |\nabla H|^2 \leq CK \max\{\alpha, 1\}.
  \]
  (4) page 104, the final displayed equation in the proof of Proposition 5.21 should read
  \[
  \left( \frac{\partial}{\partial t} - \Delta \right) t |\nabla H|^2 \leq -2 |\nabla^2 H|^2 + (1 + CtK) |\nabla H|^2 + t |\nabla \text{Rm}|^2
  \leq -2 |\nabla^2 H|^2 + C \max\{\alpha, 1\} |\nabla H|^2 + t |\nabla \text{Rm}|^2.
  \]
  (5) page 104, the final paragraph of the proof of Proposition 5.21 should read: Let $F = t \left( |\nabla H|^2 + |\text{Rm}|^2 \right) + A |H|^2$, where $A > 1$. Combining Lemma 5.12, the evolution equation for $|H|^2$ from Proposition 5.20, the above estimate and the Cauchy-Schwarz inequality, we obtain
  \[
  \left( \frac{\partial}{\partial t} - \Delta \right) F \leq (C \max\{\alpha, 1\} - 2A) |\nabla H|^2 + CAK^2.
  \]
  Choosing $A \geq C \max\{\alpha, 1\}$, the result follows from the maximum principle.
  (6) page 105, line -7, ‘...by applying Theorem 5.18 on...’ should be replaced with ‘...by applying Proposition 5.20, 5.21, and Theorem 5.18 on...’

• Chapter 6
  (1) page 116, line -3, ‘...constant term (see (6.12), the computation...’ should read ‘...constant term (see (6.12)), the computation...’

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(2) page 119, the second displayed equation in the statement of Theorem 6.20 should read
\[ \Box^* v_- = -2(T - t) \left( \left| Rc - \frac{1}{4} H^2 + \nabla^2 f_- - \frac{g}{2(T - t)} \right|^2 + \frac{1}{4} \left| d^* H - \nabla f \otimes H \right|^2 \right) \\
+ \frac{1}{6} |H|^2 u. \]

(3) page 121, in the displayed equation in the statement of Proposition 6.26, ‘\( \frac{\partial}{\partial t} \)’ should be ‘\( \frac{d}{dt} \)’.

(4) page 121, the final sentence before the displayed equation in the statement of Proposition 6.26 should read: ‘Let \( u_t \) be a solution to the conjugate heat equation, and let \( f_- \) be defined by \( u = e^{-f_- f} \frac{e^{f}}{(4\pi \tau)^{\frac{n}{2}}} \), where \( \tau = T - t \). Then we have’

(5) page 121, in the statement of Proposition 6.27 the word ‘unique’ should be removed.

- **Chapter 7**
  (1) page 142, in the final line, ‘\( g(\cdot, J\cdot) \)’ should be ‘\( g(J\cdot, \cdot) \)’.
  (2) page 154, in second sentence of Example 7.73 should read: ‘Let \( g \) denote a bi-invariant metric on \( K \).’

- **Chapter 8**
  (1) page 166, in the third displayed equation the right hand side should be \( -\sqrt{-1} \partial \bar{\partial} \omega \).
  (2) page 177, in the statement of Theorem 8.26 the word ‘pluriclosed’ is misspelt.