ERRATA TO SECTION 8 OF *FUKAYA A_∞-STRUCTURES ASSOCIATED TO LEFSCHETZ FIBRATIONS. IV*

The infinitesimal action on the hyperbolic disc should have β and $\bar{\beta}$ switched. The correct version is

$$(8.1) \qquad X_\gamma = (\beta + 2i\alpha w - \bar{\beta} w^2)\partial_w.$$

Correspondingly,

$$(8.3) \qquad H_\gamma = \frac{1}{1 - |w|^2}\left(\tfrac{1}{2}(1 + |w|^2)\alpha + \mathrm{im}(\beta\bar{w})\right).$$

The definition of curvature on the level of Hamiltonians uses the Poisson bracket with the wrong sign: it should read

$$(8.14) \qquad H_{F_A} = \left(H_{\partial_t A_1} - H_{\partial_s A_2} - \omega_{hyp}(X_{A_1}, X_{A_2})\right)ds \wedge dt.$$

correspondingly,

$$(8.16) \qquad \omega_{A,geom} = \omega_{hyp} - dH_{A_1} \wedge ds - dH_{A_2} \wedge dt + \omega_{hyp}(X_{A_1}, X_{A_2})ds \wedge dt.$$

With this change, equation (8.28) is now correct, and the same holds for (9.21).