ERRATUM TO SECTION 8G OF *FUKAYA CATEGORIES AND PICARD-LEFSCHETZ THEORY*

The formula for the curvature at the top of p. 106 should read

$$(1) \qquad R_K = \big(\partial_t K(\partial_s) - \partial_s K(\partial_t) + \{K(\partial_s), K(\partial_t)\}\big)\, ds \wedge dt,$$

where the sign of the last term depends on the Poisson bracket being defined as

$$(2) \qquad \{H_1, H_2\} = -\omega_M(X_1, X_2),$$

consistently with the convention for the Hamiltonian vector field of a function, $\omega_M(\cdot, X) = dH$. To explain (1), it suffices to think of a connection on the trivial G-bundle over $\mathbb{R}^2$, written as

$$(3) \qquad \nabla = d - A = d - A(\partial_s)ds - A(\partial_t)dt$$

for $A \in \Omega^1(\mathbb{R}^2, \mathfrak{g})$. The curvature is then

$$(4) \qquad F_A = -dA + \tfrac{1}{2}[A, A] = \big(\partial_t A(\partial_s) - \partial_s A(\partial_t) + [A(\partial_s), A(\partial_t)]\big)\, ds \wedge dt.$$