ERRATUM

On the formality and strong Lefschetz property of symplectic manifolds – Erratum

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Professor Vicente Muñoz kindly informed us that there is an inaccuracy in Lemma 3·5 of [**1**]. The correct statement of Lemma 3·5 is now that the fundamental group $\pi_1(X')$ of the manifold X' is **Z**, since the monodromy coming from φ_8 does *not* imply that $g_4 = g_4^{-1}$. Therefore, what we have actually constructed in Section 3 of [**1**] is a closed non-formal 8-dimensional symplectic manifold with $\pi_1 = \mathbf{Z}$ whose triple Massey product is non-zero, so that the simply-connectedness in Theorem 1·1 should be dropped. As far as we know, the existence of a simply connected closed non-formal 8-dimensional symplectic manifold whose triple Massey product is non-zero still remains an open question. All other main results, especially Theorem 1·2 and Corollary 1·3, in [**1**] are not affected by this mistake. Furthermore, the stability of the non-formality under a finite covering as in Subsection 3·3 holds in general. We want to thank Professor Muñoz for his careful reading.

REFERENCE

[**1**] T. K. HWANG and J. H. KIM, On the the formality and strong Lefschetz property of symplectic manifolds. *Math. Proc. Camb. Phil. Soc.* **145** (2008), 363–377.