Erratum

SMOOTH FAMILIES OVER RATIONAL AND ELLIPTIC CURVES

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There is a hypothesis missing from the statement of (3.3) without that the presented proof is incomplete. The missing assumption is that if \( \dim Y \geq 5 \), then \( \omega_{Y/P^1} \) restricted to any fibre is required to be ample. The correct statement is as follows:

**Theorem.** Let \( Y \) be a projective variety of odd dimension and \( g : Y \to P^1 \) a morphism with connected fibres having at worst ordinary double point singularities. Assume that \( \omega_{Y/P^1} \) restricted to any fibre is nef and big and if \( \dim Y \geq 5 \), then \( \omega_{Y/P^1} \) restricted to any fibre is ample. If \( g \) is not smooth, then it has at least 5 singular fibres.

The presented proof works unchanged with the additional remark, that the isotriviality of \( f_E \) implies the isotriviality of \( g_E \) by the extra assumption.

On the other hand this extra assumption is expected to be superfluous as [Kollár-Mori92, 12.7.3] is conjectured to be true in all dimensions, thus (expected to be) providing the missing step to the originally stated form, i.e., proving that the isotriviality of \( f_E \) implies the isotriviality of \( g_E \).

Finally note that (3.3) is not used elsewhere in the article, so the rest, including the main results, holds true unchanged.

**REFERENCES**


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