CORRIGENDUM

CM RELATIONS IN FIBERED POWERS OF ELLIPTIC FAMILIES – CORRIGENDUM

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It has been pointed out by Serge Cantat that in the article by Barroero [1] Theorem 1.2 is formulated incorrectly. Indeed, for instance, if $\mathcal{C}$ contains a point which is the origin of a CM fiber then $\mathcal{C}$ intersects all algebraic subgroups of said fiber and therefore infinitely many special subvarieties of codimension at least 2. The correctly formulated Theorem is described below:

Theorem 1.2. *Let $\mathcal{A}$ be as above and let $\mathcal{C}$ be an irreducible curve in $\mathcal{A}$ defined over $\overline{\mathbb{Q}}$ and not contained in a proper special subvariety of $\mathcal{A}$. Then there are at most finitely many points in $\mathcal{C}$ that are contained in special subvarieties of $\mathcal{A}$ of codimension at least 2.*

References

1.   F. BARROERO, CM relations in fibered powers of elliptic families, *Journal of the Institute of Mathematics of Jussieu* (2017), 1–16. doi:10.1017/S1474748017000287.