

CORRIGENDUM

CM RELATIONS IN FIBERED POWERS OF ELLIPTIC FAMILIES – CORRIGENDUM

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doi:10.1017/S1474748017000287, Published by Cambridge University Press,
2 August 2017

Keywords: unlikely intersections; Zilber–Pink conjectures; elliptic curves; complex multiplication; corrigendum

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](https://doi.org/10.1017/S1474748017000287).