

Corrigendum

RATIONAL POINTS ON INTERSECTIONS OF CUBIC AND QUADRIC HYPERSURFACES – CORRIGENDUM

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In the article by Browning *et al.* [1] Lemma 9.1 was given incorrectly.

It is reproduced correctly below:

Lemma 9.1. *If $\text{ord}_Q(C) \geq 10$, $h_Q(C) \geq 2$, and $\rho \geq 23$, then we have $X_{\text{sm}}(\mathbb{Q}_p) \neq \emptyset$ for every prime p .*

Located under the heading ‘10. Proof of Lemmas 9.1–9.5’ the sentence ‘Consider the projection $X \rightarrow \mathbb{P}^{n-2}$ from the point $[1, 0, \dots, 0]$.’ should have read:

‘If Q_1 vanishes identically it suffices to take a smooth p -adic point on $C_1 = 0$ with $x_2 \neq 0$. Otherwise we consider the projection $X \rightarrow \mathbb{P}^{n-2}$ from the point $[1, 0, \dots, 0]$.’

Reference

1. T. D. BROWNING, R. DIETMANN AND D. R. HEATH-BROWN, Rational points on intersections of cubic and quadric hypersurfaces, *J. Inst. Math. Jussieu* Published by Cambridge University Press 5 June 2014, doi:10.1017/S1474748014000127.