

**ERRATA:**  
***A DATABASE OF GENUS 2 CURVES***  
***OVER THE RATIONAL NUMBERS***

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This note gives some errata for the article *A database of genus 2 curves over the rational numbers* [1]. Thanks to David Kohel.

- (1) Example 6.4.2: The first curve should have equation

$$y^2 = x^5 - x^4 + 4x^3 - 8x^2 + 5x - 1$$

(the error is in the coefficient of  $x^3$ ). Indeed, the indicated curve has bad reduction at 3 and 11; the two are obtained by the quadratic twist by  $-1$ , hence the signs change on the coefficients of even degree in  $x$ .

REFERENCES

- [1] Andrew R. Booker, Jeroen Sijsling, Andrew V. Sutherland, John Voight, and Dan Yasaki, *A database of genus 2 curves over the rational numbers*, LMS. J. Comput. Math. **19** (Special issue A) (2016), 235–254.