ERRATA:
RIGOROUS COMPUTATION OF THE ENDOMORPHISM RING OF A JACOBIAN

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This note gives some errata for the article *Rigorous computation of the endomorphism ring of a Jacobian* [1].

(1) §1.2, third paragraph: Our approach is similar to work of Couveignes–Ezome [2, §6.2], who also formally solve a differential system to compute equations for an isogeny between curves of genus 2. Thanks to Damien Robert for providing this reference.

(2) Before (8.2.4), the elliptic curve is $Y \colon y^2 = x^3 + (6656/3)x - 185344/27$ (the y^2 is missing), and in (8.2.4) it should be $\mapsto$.

References

[1] Edgar Costa, Nicolas Mascot, Jeroen Sijsling, and John Voight, *Rigorous computation of the endomorphism ring of a Jacobian*, Math. Comp. **88** (2019), 1303–1339.

[2] Jean-Marc Couveignes and Tony Ezome, *Computing functions on Jacobians and their quotients*, LMS J. Comput. Math. **18** (2015), vol. 1, 555-577.