

CORRIGENDUM

REDUCTION OF BINARY CUBIC AND QUARTIC FORMS

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Abstract

Corrigendum to Proposition 14, on page 87 of the paper ‘Reduction of binary cubic and quartic forms’, *LMS Journal of Computation and Mathematics*, Volume 2, pp. 62–92.

There is an error in the second displayed equation of Proposition 14, on page 87 of the paper ‘Reduction of binary cubic and quartic forms’.

Replace $4(\phi^2 - 4I) - 27a^2$ inside the second square root by $4(\phi^2 - I) - 27a^2$. The equation now reads:

$$B_a = \frac{2}{3} \sqrt{\phi^2 - 4I} \sqrt{4(\phi^2 - I) - 27a^2}.$$

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