## CORRIGENDUM

## to the paper

## MACBEATH'S CURVE AND THE MODULAR GROUP

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On p. 244 of Glasgow Math. J. 27 (1985) on the right hand side of one of the 6 equations characterizing the 4 fixed points of the involution $v$ a sign error has occurred. The relevant equation should read

$$
y_{0} y_{3} y_{5} y_{6}=-1
$$

or the points would not lie on the curve.
Correcting the error unfortunately invalidates the model of an elliptic curve given in §6, which therefore has to be re-evaluated. First we find, in the notation of the paper,

$$
2 f(x)=((r+1) /(R+2))^{2}
$$

Then $z=(r+1) /(R+2)$ satisfies

$$
7 X^{4}+4 X^{3}-6 X^{2}-4 X+3=0
$$

whence

$$
49 X^{4}-100 X^{3}+110 X^{2}-52 X+9=0
$$

is an equation for $z^{2}$.
This leads to the Weierstrass normal form

$$
Y^{2}=4 X^{3}-756 X+756
$$

of the curve and to its minimal model

$$
Y^{2}=X^{3}-X^{2}-2 X+1
$$

of discriminant $\Delta=784$ and absolute invariant $J=28 / 27$.

