

620.

CORRECTION OF TWO NUMERICAL ERRORS IN SOHNKE'S
PAPER RESPECTING MODULAR EQUATIONS.

[From the *Journal für die reine und angewandte Mathematik* (Crelle), t. LXXXI. (1876),
p. 229.]

IN Sohnke's paper "Aequationes modulares pro transformatione functionum ellipticarum," *Crelle*, t. XVI. (1837), there is, on p. 113, an obvious error in the expression of u^6 , viz. the term q^{18} is given with the same numerical coefficient as it had in u^5 : this remark was made to me by Mr W. Barrett Davis, who finds that the term of u^6 should be

$$+13569463 q^{18}.$$

In the expression of u^{18} (*l. c.*, p. 115), I had remarked that, in the coefficient of q^{16} , a figure must have dropped out. Mr Davis has verified this, and finds that the figure omitted is a 1 in the unit's place, and thus that the correct value* is

$$+80177033781 q^{16}.$$

Cambridge, 26 October, 1875.

* [The former of these numbers should replace the number 15063859 in the Table, p. 128 of this volume; the latter has been introduced in the Table, p. 129.]