

MATHEMATICS

CORRECTION

TO THE PAPER

ON A THEOREM BY E. BOMBIERI

(in Proceeding, Series A 63, No. 3, 1960)

The exponent of a_0 in the formula (15) on p. 250 has been given incorrectly as $m-1$; it should be $m-2$. The same change must be made in the formulae (17) and (18) on p. 251, and in the formula on the 3rd line of p. 253. As a consequence, in lines 5, 8, and 21 of p. 253, the expression $|D(f)|$ is to be replaced by $|a_0 D(f)|$. Thus the final result in Theorem 2 is that

$$\Delta(f) \geq \{ \Gamma(f) H(f)^{2m-1} \}^{-1} |a_0 D(f)|.$$

For polynomials with integral coefficients this gives a slight improvement.

I am indebted to Dr. RAINER GÜTING for this correction.

21 November, 1960.

K. MAHLER