

**CORRIGENDUM TO THE PAPER  
"POLYNOMIAL VALUES OF PRODUCTS OF TERMS  
FROM AN ARITHMETIC PROGRESSION"**

L. HAJDU AND Á. PAPP

The constant  $C$  in Theorem 2.2 should also depend on the common difference  $d$ , however, this dependence is not indicated. We note that from the argument (from the tools used) one can see that  $C$  in fact depends also on  $d$ , indeed. This error has no influence of any other part of the paper, however, it may be disturbing so it is better be corrected. We are grateful to Yuri Bilu for pointing out this error. Theorem 2.2. correctly should read as

**Theorem 2.2.** *Let  $k \geq 8$ ,  $0 \leq j \leq k - 1$  and let  $a, b \in \mathbb{Q}$  with  $a \neq 0$ . Then for all solutions of the equation*

$$(4) \quad f_{k,j}(x) = ay^n + b$$

*in integers  $x, y, n$  with  $n \geq 2$  we have  $\max(|x|, |y|, n) < C$ , where  $C$  is an effectively computable constant depending only on  $k, d, a, b$ . Here we use the convention that for  $|y| \leq 1$  we have  $n = 2, 3$ .*

L. HAJDU, Á. PAPP  
UNIVERSITY OF DEBRECEN, INSTITUTE OF MATHEMATICS  
H-4002 DEBRECEN, P.O. BOX 400.  
HUNGARY  
*Email address:* hajdul@science.unideb.hu  
*Email address:* papp.agoston@science.unideb.hu