

# ON TERNARY EQUATIONS AND BINOMIAL THUE EQUATIONS

András Bázsó

(University of Debrecen, Debrecen)

In the talk we present some new results for a collection of equations of the form  $Ax^n - By^n = \pm 1$  resp.  $Ax^n - By^n = z^m$  with  $m \in \{3, n\}$ , where  $x, y, z, A, B, n$  are unknown nonzero integers such that  $n \geq 3$  is a prime and  $AB$  is composed of two fixed primes.