

Horia Vîrgolici, *On the Exponential Diophantine Equation $x^2 + D = y^n$: a brief survey*

Abstract: We give a survey on some important results on the exponential Diophantine equation $x^2 + D = y^n$.

Keywords: exponential Diophantine equation, Lebesgue-Nagell equation, generalized Ramanujan-Nagell equation

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