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Addendum

Addendum to “Neighboring powers” [J. Number Theory 130 (3) (2010) 660–679]

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The authors would like to thank Professor Yann Bugeaud for drawing their attention to the paper “Diophantine equations $x^n - Ay^n = k$ ” by L.V. Danilov, *Mat. Zametki* 46 (1989) 38–45; translation in *Math. Notes* 46 (5–6) (1989/1990) 914–919. In his article Danilov proves three results which may be shown to be equivalent to three results from our paper. In particular his Theorems 4, 5 and 7 are equivalent to Theorems 1.3, 1.5 and 1.7 respectively in our paper. We remark that the proof of Theorem 6 of Danilov’s paper yields a result which is equivalent to the result $\gamma(9, 11) \leq 3/4$ whereas it follows from Theorem 1.4 that $\gamma(9, 11) \leq 1/5$.

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