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David Marker* (marker@math.uic.edu), Dept. Mathematics (M/C 249), University of Illinois, 851 S. Morgan St., Chicago, IL 60606. *A Remark on Zilber's Pseudoexponentiation.*

Zilber gave an uncountably categorical nonelementary class of algebraically closed fields with exponentiation where the definable sets are well-behaved. This raises the tantalizing question of whether this class contains the complex numbers with exponentiation. We will examine some simple cases of Zilber's axioms for the complex field. (Received February 11, 2006)