

SOME INEQUALITIES OF DIFFERENTIAL POLYNOMIALS II

JUNFENG XU, HONGXUN YI AND ZHANLIANG ZHANG

Abstract. In this paper, we consider the value distribution of the differential polynomials $f^2 f^{(k)} - 1$ where k is a positive integer, and obtain some estimates only by the reduced counting function. Our result answers a question in (Some inequalities of differential polynomials, *Mathematical Inequalities and Applications*, **12**, 1(2009), 99–113) completely.

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