INEQUALITIES FOR PRODUCTS OF ZEROS
OF POLYNOMIALS AND ENTIRE FUNCTIONS

M. I. Gil’

Abstract. Estimates for products of the zeros of polynomials and entire functions are derived. By these estimates, new upper bounds for the counting function are suggested. In appropriate situations we improve the Jensen inequality for the counting functions and the Mignotte inequality for products of the zeros of polynomials.


Keywords and phrases: polynomials, entire functions, product of zeros, counting function.

REFERENCES