

## Abstract and keywords

Zero sequences of holomorphic functions,  
the representation of meromorphic functions,  
and harmonic minorants. II. Entire functions

**B. N. Khabibullin, Sh. I. Tsyganov**

Let  $\Lambda = \{\lambda_k\}$  be a sequence of points in the complex plane  $\mathbb{C}$ ,  $\rho > 0$ . We compare the greatest lower bound of types (with respect to the order  $\rho$ ) of entire functions vanishing at the points of  $\Lambda$  with the greatest lower bound of types (with respect to the order  $\rho$ ) of entire functions with zero sequence  $\Lambda$ . Main explicit results are obtained for the case  $\rho < 1$ . We apply these results to estimate of the radius of completeness for exponential systems. Besides, we consider a kindred problem on a comparison of the greatest lower bounds of types (with respect to the order  $\rho$ ) of entire functions representing of meromorphic function on  $\mathbb{C}$  as quotient of these entire functions with the greatest lower bounds of types (with respect to the order  $\rho$ ) of entire functions without common zeros representing of the same meromorphic function.

**Bibliography:** 23 titles.

**Key words:** entire function, zero sequence, sequence of uniqueness, representation of meromorphic function, radius of completeness, exponential system, subharmonic function.