# Approximation of continuous functions by entire functions on subsets of the complex plane

Vladimir Andrievskii

(Kent State University, Kent, Ohio)

This is a survey of some recent results concerning the extension of the classical Bernstein theorem on the constructive description of classes of functions uniformly continuous on the real line. In particular, the approximation of continuous bounded functions by entire functions of exponential type on unbounded closed proper subsets of the real line is discussed.