RADIAL OSCILLATION OF FUNCTIONS FROM THE KORENBLUM SPACE

YURII LYUBARSKII
(NTNU, Trondheim, Norway)

We say that a function u harmonic in the unit disk D belongs to the Korenblum class K if it satisfies the estimate

$$u(z) \le C \log 1/(1-|z|), \quad z \in D.$$

Such functions need not have boundary values on the unit circle. We discuss the behavior of functions from K near the boundary of the unit disk. (Joint work with E. Malinnikova.)