İSTANBUL ANALYSIS SEMINARS

Approximation problems in the Smirnov spaces

Daniyal M. Israfilov

Balikesir University

In this talk we discuss the approximation problems (Direct and Inverse Theorems of Approximation theory) in the weighted and nonweighted Lebesgue spaces and Smirnov classes of functions, defined on the Jordan rectifiable curves and in the simply connected domains with a rectifiable boundaries, respectively. We also give some applications of the obtained results to the approximation problems of Riemann conformal mapping function, which play an important role in many areas of applied mathematics and mechanics.

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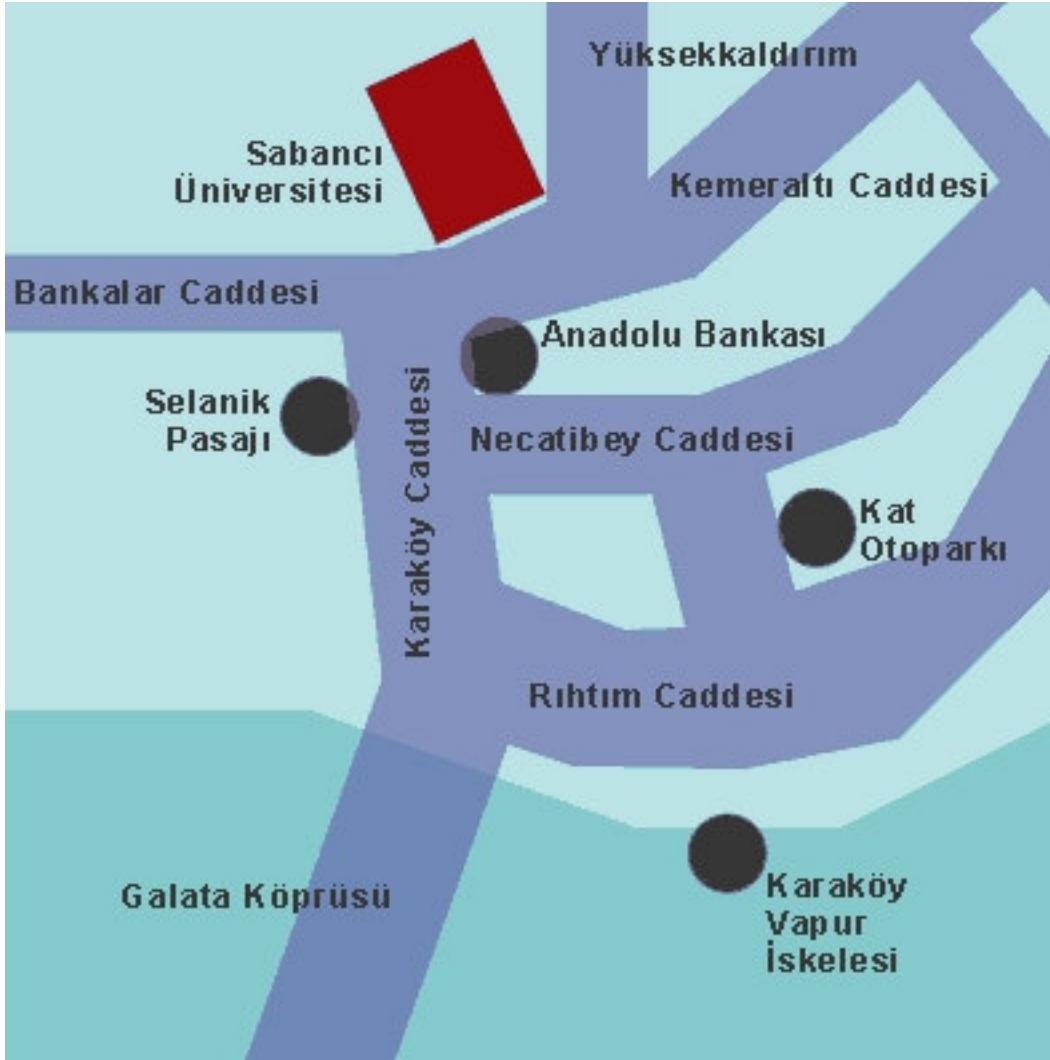
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Balikesir University
email:mdaniyal@balikesir.edu.tr

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Sketch of Karaköy İletişim Merkezi