Analysis Seminar

"Möbius-Invariant Harmonic Function Spaces on the Unit Disc "

By

Turgay Kaptanoğlu

Abstract: We investigate various properties of harmonic function spaces on the unit disc that are invariant under compositions with automorphisms of the unit disc based on the known facts on holomorphic function spaces similarly invariant. We identify the largest and smallest invariant Banach spaces, the unique invariant Hilbert space, and all invariant Bergman-Besov spaces.
This is joint work with A. Ersin Üreyen of Eskşehir Teknik Üniversitesi.

Date: Monday, December 9, 2019

Time: 14:00-15:00

Place: Mathematics Seminar Room, SA – 141

Tea and cookies will be served after the seminar.