



ANALYSIS SEMINARS

Invariant Subsets of Orlicz Modules over Group Algebras

By

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Abstract: Let G be a locally compact group with left Haar measure μ and Φ be a Young function. We will consider the Orlicz space $L\Phi(G)$ as an $L^1(G)$ module. If we take $\Phi(x) = x^p/p$, $1 \leq p < \infty$, $L\Phi(G)$ becomes the classical Lebesgue space $L^p(G)$. In this talk we study the closed convex left invariant subsets of $L\Phi(G)$ and characterize affine mappings for Orlicz space. These results generalize classical results on L^p spaces. This is a joint work with Serap Öztop.

Date: February 12, 2019

Time: 16:00 – 17:00

Place: SA141 Mathematics Seminar Room

* Tea and cookies will be served before the talk. All are most cordially invited.