Boğaziçi
MATH GRAD SEMINAR

The Invariant Subspace Problem (from finite dimensional Banach Spaces to Hilbert Spaces)

Berkay Taştan
Boğaziçi University

Abstract:

The invariant subspace problem is a field of functional analysis that traces back to 1930s. The problem is interested in the existence of non-trivial closed subspaces $M \subseteq X$ such that $T(M) \subseteq M$ and what they are if possible. In this presentation, a general brief of developments and some approaches will be covered.

Date : Tuesday, May 6, 2025
Time: 13:30
Place: TB130, South Campus, Boğaziçi University