

# İSTANBUL ANALYSIS SEMINARS

## AN INTRODUCTION TO CARDINAL INVARIANTS

Nurettin ERGUN

Marmara University  
Department of Mathematics

**Abstract:** After eighty productive years full of discoveries of certain remarkable results, the topic Cardinal Invariants in General Topology now has a solid and secure place among others. We want to give an expository talk without proofs to present nearly twenty five remarkable results (including the historical and famous Arhangel'skii's inequality) of especially European masters on this topic.

**Date:** April 1, 2016

**Time:** 15:40

**Place:** Sabancı University, Karaköy Communication Center  
Bankalar Caddesi 2, Karaköy 34420, İstanbul