



istanbul matematiksel bilimler merkezi
istanbul center for mathematical sciences

ANABELIAN GEOMETRY OVER ALGEBRAICALLY CLOSED FIELDS

Aaron Silberstein

University of Pennsylvania

Abstract

We introduce Anabelian geometry, and show how a branch of the Anabelian program, started by F. Bogomolov and developed by Bogomolov and Yu. Tschinkel, F. Pop, A. Topaz and the speaker gives us new insight into the relationship between algebraic topology and algebraic geometry, mediated by group theory.

Lecture 1:	Monday	December 17	17:00-18:00
Lecture 2:	Tuesday	December 18	17:00-18:00
Lecture 3:	Wednesday	December 19	17:00-18:00
Lecture 4:	Thursday	December 20	17:00-18:00
Lecture 5:	Friday	December 21	17:00-18:00

All talks will be held at **IMBM Seminar Room, Boğaziçi University, South Campus.**