

Hussein Mourtada, Celal Cem Sarioğlu, Christophe Soulé and  
Ayberk Zeytin, Editors

## Algebraic Geometry and Number Theory

Summer School, Galatasaray University, Istanbul, 2014

This lecture notes volume presents significant contributions from the “Algebraic Geometry and Number Theory” Summer School, held at Galatasaray University, Istanbul, June 2-13, 2014.

It addresses subjects ranging from Arakelov geometry and Iwasawa theory to classical projective geometry, birational geometry and equivariant cohomology. Its main aim is to introduce these contemporary research topics to graduate students who plan to specialize in the area of algebraic geometry and/or number theory. All contributions combine main concepts and techniques with motivating examples and illustrative problems for the covered subjects. Naturally, the book will also be of interest to researchers working in algebraic geometry, number theory and related fields.

ISBN 978-3-319-47778-7



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