

## FOREWORD

This issue of *Revue Roumaine de Mathématiques Pures et Appliquées* is dedicated to the memory of Professor Lucian Bădescu, who passed away in 2023, in recognition of his many contributions to mathematical research, teaching, and mentoring.

Lucian Bădescu worked as a researcher at the Simion Stoilow Institute of Mathematics of the Romanian Academy (IMAR) and as a professor in the Geometry Chair of the Department of Mathematics at the University of Bucharest. He played a central role in the creation and development of a Romanian school of algebraic geometry and was one of the leading figures of the Algebraic Geometry Seminar at IMAR. Over time, this seminar attracted many students and young researchers, several of whom later became established mathematicians at prestigious academic institutions in North America and Europe. Since 2002, Lucian Bădescu had been a professor at the University of Genoa, Italy, where he remained deeply engaged in academic life.

He published two widely recognized books – *Algebraic Surfaces*. Universitext, Springer, New York, 2001 (translated from the 1981 Romanian original), and *Projective Geometry and Formal Geometry*. Birkhäuser, Basel, 2004 – as well as numerous research articles that had a significant impact on algebraic geometry.

The papers in this volume have been contributed by some of Lucian Bădescu's colleagues, friends, and former students. We are grateful to all the authors for their contributions which honor his memory.

Guest editors: Marian Aprodu and Vasile Brînzănescu