
Preface

Yuri Ivanovich Manin has made outstanding contributions to algebra, algebraic geometry, number theory, algorithmic complexity, noncommutative geometry and mathematical physics. His numerous achievements include the proof of the functional analogue of the Mordell Conjecture, the theory of the Gauss–Manin connection, proof with V. Iskovskikh of the nonrationality of smooth quartic threefolds, the theory of p -adic automorphic functions, construction of instantons (jointly with V. Drinfeld, M. Atiyah and N. Hitchin), and the theory of quantum computations.

We hope that the papers in this Festschrift, written in honor of Yu. I. Manin’s seventieth birthday, will indicate the great respect and admiration that his students, friends and colleagues throughout the world all have for him.

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