

Contents

Preface	vii
Alexeyev's photo	1
<i>Introductory talk at the opening of the conference</i> , Anatole M. Stepin	2
<i>Minimal idempotents and ergodic Ramsey theory</i> , Vitaly Bergelson	8
<i>Symbolic dynamics and topological models in dimensions 1 and 2</i> , André de Carvalho and Toby Hall	40
<i>Markov odometers</i> , Anthony H. Dooley	60
<i>Geometric proofs of Mather's connecting and accelerating theorems</i> , Vadim Kaloshin	81
<i>Structural stability in one dimensional dynamics</i> , Oleg Kozlovski	107
<i>Periodic points of nonexpansive maps: a survey</i> , Bas Lemmens	125
<i>Arithmetic dynamics</i> , Nikita Sidorov	145
<i>The defect of factor maps and finite equivalence of dynamical systems</i> , Klaus Thomsen	190
<i>Actions of amenable groups</i> , Benjamin Weiss	226