

---

# Contents

<b>A Topological Obstruction to Existence of Quaternionic Plücker Map</b> <i>S. Alesker</i> .....	1
<b>Hard Lefschetz Theorem for Valuations and Related Questions of Integral Geometry</b> <i>S. Alesker</i> .....	9
<b><math>SU(2)</math>-Invariant Valuations</b> <i>S. Alesker</i> .....	21
<b>The Change in the Diameter of a Convex Body under a Random Sign-Projection</b> <i>S. Artstein</i> .....	31
<b>An Elementary Introduction to Monotone Transportation</b> <i>K. Ball</i> .....	41
<b>A Continuous Version of the Brascamp–Lieb Inequalities</b> <i>F. Barthe</i> .....	53
<b>Inverse Brascamp–Lieb Inequalities along the Heat Equation</b> <i>F. Barthe, D. Cordero-Erausquin</i> .....	65
<b>Pinched Exponential Volume Growth Implies an Infinite Dimensional Isoperimetric Inequality</b> <i>I. Benjamini, O. Schramm</i> .....	73
<b>On Localization for Lattice Schrödinger Operators Involving Bernoulli Variables</b> <i>J. Bourgain</i> .....	77

<b>Symmetrization and Isotropic Constants of Convex Bodies</b> <i>J. Bourgain, B. Klartag, V. Milman</i> .....	101
<b>On the Multivariable Version of Ball's Slicing Cube Theorem</b> <i>E. Gluskin</i> .....	117
<b>Geometric Probability and Random Cotype 2</b> <i>E. Gluskin, V. Milman</i> .....	123
<b>Several Remarks Concerning the Local Theory of <math>L_p</math> Spaces</b> <i>W.B. Johnson, G. Schechtman</i> .....	139
<b>On John-Type Ellipsoids</b> <i>B. Klartag</i> .....	149
<b>Isomorphic Random Subspaces and Quotients of Convex and Quasi-Convex Bodies</b> <i>A.E. Litvak, V.D. Milman, N. Tomczak-Jaegermann</i> .....	159
<b>Almost Euclidean Subspaces of Real <math>\ell_p^n</math> with <math>p</math> an Even Integer</b> <i>Yu.I. Lyubich</i> .....	179
<b>Geometric Parameters in Learning Theory</b> <i>S. Mendelson</i> .....	193
<b>Essential Uniqueness of an <math>M</math>-Ellipsoid of a Given Convex Body</b> <i>V.D. Milman, A. Pajor</i> .....	237
<b>On the Thermodynamic Limit for Disordered Spin Systems</b> <i>L. Pastur</i> .....	243
<b>On Read's Proof that <math>B(\ell_1)</math> Is Not Amenable</b> <i>G. Pisier</i> .....	269
<b>An Isomorphic Version of the Busemann–Petty Problem for Gaussian Measure</b> <i>A. Zvavitch</i> .....	277
<b>Seminar Talks</b> <b>(with Related Workshop and Conference Talks)</b> .....	285