

---

## Contents

<b>Theory of Valuations on Manifolds, IV. New Properties of the Multiplicative Structure</b>	
<i>S. Alesker</i> .....	1
<b>Geometric Applications of Chernoff-Type Estimates</b>	
<i>S. Artstein-Avidan, O. Friedland, V. Milman</i> .....	45
<b>A Remark on the Surface Brunn–Minkowski-Type Inequality</b>	
<i>S.G. Bobkov</i> .....	77
<b>On Isoperimetric Constants for Log-Concave Probability Distributions</b>	
<i>S.G. Bobkov</i> .....	81
<b>A Remark on Quantum Ergodicity for CAT Maps</b>	
<i>J. Bourgain</i> .....	89
<b>Some Arithmetical Applications of the Sum-Product Theorems in Finite Fields</b>	
<i>J. Bourgain</i> .....	99
<b>On the Maximal Number of Facets of 0/1 Polytopes</b>	
<i>D. Gatzouras, A. Giannopoulos, N. Markoulakis</i> .....	117
<b>A Note on an Observation of G. Schechtman</b>	
<i>Y. Gordon</i> .....	127
<b>Marginals of Geometric Inequalities</b>	
<i>B. Klartag</i> .....	133
<b>Deviation Inequalities on Largest Eigenvalues</b>	
<i>M. Ledoux</i> .....	167

VIII    Contents

<b>On the Euclidean Metric Entropy of Convex Bodies</b>	
<i>A.E. Litvak, V.D. Milman, A. Pajor, N. Tomczak-Jaegermann</i>	221
<b>Some Remarks on Transportation Cost and Related Inequalities</b>	
<i>M. Meckes</i>	237
<b>A Comment on the Low-Dimensional Busemann–Petty Problem</b>	
<i>E. Milman</i>	245
<b>Random Convex Bodies Lacking Symmetric Projections, Revisited Through Decoupling</b>	
<i>P. Pivovarov</i>	255
<b>The Random Version of Dvoretzky’s Theorem in <math>\ell_\infty^n</math></b>	
<i>G. Schechtman</i>	265
<b>Tail-Sensitive Gaussian Asymptotics for Marginals of Concentrated Measures in High Dimension</b>	
<i>S. Sodin</i>	271
<b>Decoupling Weakly Dependent Events</b>	
<i>S.J. Szarek, N. Tomczak-Jaegermann</i>	297
<b>The Square Negative Correlation Property for Generalized Orlicz Balls</b>	
<i>J.O. Wojtaszczyk</i>	305
<b>Seminar Talks (with Related Workshop and Conference Talks)</b>	315



<http://www.springer.com/978-3-540-72052-2>

Geometric Aspects of Functional Analysis

Israel Seminar 2004-2005

Milman, V.D.; Schechtman, G. (Eds.)

2007, VIII, 332 p., Softcover

ISBN: 978-3-540-72052-2