

## LIST OF PUBLICATIONS - EMANUEL MILMAN

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### Accepted

1. Concentration and isoperimetry are equivalent assuming curvature lower bound, to appear in *C. R. Math. Acad. Sci. Paris*.
2. On the role of convexity in functional and isoperimetric inequalities, 42 pages, to appear in the *Proceedings of the London Mathematical Society*.
3. On the role of convexity in isoperimetry, spectral-gap and concentration, 45 pages, to appear in *Inventiones Mathematicae*.
4. Uniform tail-decay of Lipschitz functions implies a linear isoperimetric inequality under convexity assumptions, *C. R. Math. Acad. Sci. Paris* 346, 989-994, 2008.
5. Generalized intersection bodies are not equivalent, *Advances in Math.* 217 (6), 2822-2840, 2008.
6. *with Sasha Sodin*, An isoperimetric inequality for uniformly log-concave measures and uniformly convex bodies, *Journal of Functional Analysis* 254 (5), 1235-1268, 2008.
7. A remark on two duality relations, *Integral Equations and Operator Theory* 57 (2), 217-228, 2007.
8. On Gaussian marginals of uniformly convex bodies, 21 pages, to appear in *Journal of Theoretical Probability*.
9. *with Bo'az Klartag*, On volume distribution in 2-convex bodies, *Israel Journal of Mathematics* 164, 221-249, 2008.
10. A comment on the low-dimensional Busemann-Petty problem, *Lecture Notes in Math.* 1910, *GAFSA Seminar Notes* 2004-5, 245-253, 2007.
11. Generalized intersection bodies, *Journal of Functional Analysis* 240 (2), 530-567, 2006.
12. Dual mixed volumes and the Slicing Problem, *Advances In Math.* 207 (2), 566-598, 2006.
13. Approachable sets of vector payoffs in stochastic games, *Games and Economic Behavior* 56, 135-147, 2006.
14. The semi-algebraic theory of stochastic games, *Mathematics of Operations Research* 27, 401-418, 2002.

### In Preparation

15. A geometric approach to isoperimetric inequalities - parts I and II.
16. *with Bo'az Klartag*, Reverse Faber–Krahn and Brascamp–Lieb inequalities for convex domains.