Liste de publications de W. T. Gowers

Livres

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The Princeton Companion to Mathematics, (éditeur principal), Princeton University Press (2008)

Publications et prépublications

1.*Symmetric Block Bases in Finite-Dimensional Normed Spaces*, Israel J. Math. 68 (1989), 193-219

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4.*Lipschitz Functions on Classical Spaces*, Europ. J. Combin. 13 (1992), 141-151

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6.*The Unconditional Basic Sequence Problem*, (avec B. Maurey) Journal A.M.S. 6 (1993), 851-874

7.*A Space Not Containing* c_0, ℓ_1 *or a Reflexive Subspace*, Trans. A.M.S. 344 (1994), 407-420

8.*A Solution to Banach's Hyperplane Problem*, Bull. L.M.S. 26 (1994), 523-530

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10.*A Hereditarily Indecomposable Space with an Asymptotic Unconditional Basis*, GAFA Israel Seminar 1992-94, Operator Theory Advances and Applications Vol. 77, Birkhäuser 1995

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12.*An Almost k-wise Independent Random Permutation of the Cube* Combinatorics, Probability and Computing 5 (1996), 119-130

13.*Banach Spaces with Small Spaces of Operators* (avec B. Maurey) Math. Annalen 307 (1997), 543-568

14.*A New Dichotomy For Banach Spaces*, Geometric and Functional Analysis 6 (1996), 1083-1093

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19.*Polytope approximations of the unit ball of* ℓ_p^n (Convex Geometry, ed. K.M. Ball et V.D. Milman, MSRI publications vol. 34, CUP 1998)

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21.*A new proof of Szemerédi's theorem*, Geom.Funct. Anal. 11 (2001), 465-588

22.*An infinite Ramsey theorem and some Banach-space dichotomies*, Ann. of Math. 156 (2002), 797-833

23.*Quasirandomness, counting and regularity for 3-uniform hypergraphs*, Combin. Probab. Comput. 156 (2006), 143-184

24.*Hypergraph regularity and the multidimensional Szemerédi theorem*, Ann. of Math. 166 (2007), 897-946

25.*Quasirandom groups*, Combin. Probab. Comput. 17 (2008), 363-387

26. *The true complexity of a system of linear equations*, Proc. London Math. Soc. (3) 100 (2010), 155-176 (avec J. Wolf)

27. *Decompositions, approximate structure, transference, and the Hahn-Banach theorem*, Bull. London Math. Soc. 42 (2010), 573-606

28. *Polymath and the density Hales-Jewett theorem*, An irregular mind, 659-687, János Bolyai Math. Soc., Budapest, 2010

29. *Linear forms and higher-degree uniformity for functions on* $\mathbb{F}_p^n$ Geom. Funct. Anal. 21 (2011), 36-69 (avec J. Wolf)

30. *Linear forms and quadratic uniformity for functions on* $\mathbb{F}_p^n$ Mathematika 57 (2011), 215-237 (avec J. Wolf)

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33. *Erdős and arithmetic progressions*, in Erdős Centennial, Bolyai Society Mathematical Studies **25**, L. Lovász, I. Z. Ruzsa and V. T. Sos eds., Springer 2013, 265-287.

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35. *The communication complexity of interleaved group products* in ACM Symp. on the Theory of Computing (STOC), 2015 (avec E. Viola)

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52. *Mixing in non-quasirandom groups*, 13th Innovations in Theoretical Computer Science Conference (ITCS 2022),

53. *A uniform set with fewer than expected arithmetic progressions of length 4*, Acta Math. Acad. Scient. Hungar. **161** (2020), 756-767

54. *A counterexample to a strengthening of a question of Milman*, arXiv:2110.03023, 21 pages, accepté par Annales Henri Lebesgue (avec K. Wyczesany)