Publications by Ben Green


[22] (with Terence Tao) New bounds for Szemerédi’s theorem, I: Progressions of length 4 in finite field geometries, Proc. Lond. Math. Soc. (3) 98 (2009), no. 2, 365–392. (This paper has an error and is corrected by [58].)


[26] (with Terence Tao) Quadratic uniformity of the Mőbius function, Annales de l’Institut Fourier (Grenoble) 58 (2008), no. 6, 1863–1935.


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[38] (with Julia Wolf) *A note on Elkin’s improvement of Behrend’s construction*, in Additive Number Theory (Festschrift in honour of Mel Nathanson), Springer 2010, 141-144.


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[56] (with Emmanuel Breuillard) Contractions and expansion, 6 pages, special volume of Eur. J. Comb. in honour of Yahya Ould Hamidoune.

[57] (with Emmanuel Breuillard and Terence Tao) A nilpotent Freiman dimension lemma, 8 pages, special volume of Eur. J. Comb. in honour of Yahya Ould Hamidoune. arxiv: 1112:4174

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[59] (with Terence Tao) On sets defining few ordinary lines, 68 pages, to appear in Discrete and Computational Geometry.

[60] (with Emmanuel Breuillard and Terence Tao) Small doubling in groups, arxiv:1301.7718.

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