FROM HARMONIC ANALYSIS TO ARITHMETIC COMBINATORICS: ERRATA

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- after Theorem 2.2: "In 1975 P.A. Tomas extended the result to $q > \frac{2d+2}{d-1}$..."

- Subsection 3.1, the line after the first displayed formula should read: "But this is only possible if $\alpha - 1 \geq d - \alpha$, i.e. $\alpha \geq \frac{d+1}{2}$."
- end of Section 3, lower bounds on Minkowski dimension of Kakeya sets: "$4 < d < 24$: $(2-\sqrt{2})(d-4)+3$ (Katz-Tao 2001)"
- end of Section 3, lower bounds on Hausdorff dimension of Kakeya sets: "$d > 4$: $(2-\sqrt{2})(d-4)+3$ (Katz-Tao 2001)"
- Subsection 4.2, definition of upper density:
$$\overline{\lim}_{N\to\infty} \frac{|A \cap [1,N]|}{N} = \delta.$$
- Subsection 4.2, definition of discrete Fourier transform:
$$\widehat{f}(\xi) = N^{-1} \sum_{x=1}^{N} f(x) e^{-2\pi i x\xi/N}.$$