1068-42-325Alex Iosevich\* (iosevich@math.rochester.edu), 145 Dunrovin Lane, Rochester, NY 14618,<br/>and Krystal Taylor (taylor@math.rochester.edu), 78 Whiteford Road, Rochester, NY 14620.<br/>Geometric consequences of Fourier analytic operator bounds.

We shall discuss some examples of applications of Fourier analytic operator bounds to problems in geometric measure theory and combinatorics. (Received January 20, 2011)