INTERACTIONS BETWEEN HARMONIC ANALYSIS, HOMOGENEOUS DYNAMICS, AND NUMBER THEORY

Hot Topics Workshop
MSRI/SLMath, March 3 to 7, 2025

[1] V. Blomer, E. Fouvry, E. Kowalski, P. Michel, D. Milićević, and W. Sawin, *The second moment theory of families of L-functions: the case of twisted Hecke L-functions*, **282:**1394 Memoirs of the American Mathematical Society no. 1394, American Mathematical Society, Providence, RI, 2023, ISBN 978-1-4704-5678-8; 978-1-4704-7350-1. MR Zbl

[2] C. Demeter, *Fourier restriction, decoupling, and applications*, Cambridge Studies in Advanced Mathematics **184**, Cambridge University Press, Cambridge, England, 2020, ISBN 978-1-108-49970-5. MR Zbl

[3] M. Einsiedler and T. Ward, *Ergodic theory with a view towards number theory*, Graduate Texts in Mathematics **259**, Springer, Cham, Switzerland, 2011. MR Zbl

[4] S. Ferenczi, J. Kułaga-Przymus, and M. Lemańczyk (eds.), *Ergodic theory and dynamical systems in their interactions with arithmetics and combinatorics*, Lecture Notes in Mathematics **2213**, Springer, Cham, Switzerland, 2018, ISBN 978-3-319-74907-5; 978-3-319-74908-2. MR Zbl

[5] L. Guth, *Polynomial methods in combinatorics*, University Lecture Series **64**, American Mathematical Society, Providence, RI, 2016, ISBN 978-1-4704-2890-7. MR Zbl