

Online Number Theory Seminar

12 June 2026. – 17:00-17:50

G. Harcos: Tatzuza's theorem for Rankin–Selberg L-functions.

In 2023, Jesse Thorner and I established a new zero-free region for all $GL(1)$ -twists of $GL(m) \times GL(n)$ Rankin–Selberg L -functions, generalizing Siegel's celebrated work on Dirichlet L -functions. In the talk, I will discuss our recent strengthening of this result, which generalizes Tatzuza's refinement of Siegel's theorem.