Conductor formulas and bad Euler factors for some families of CYthreefolds

Nutsa Gegelia¹, Philip Candelas², Xenia de la Ossa² and Duco van Straten¹

¹ JGU Mainz ² University of Oxford

I will explain some work in progress on computing bad Euler factors for certain families of CY threefolds. I will also present progress towards conductor formulae for CY zeta functions.

- [1] N. Gegelia, D. Van Straten, Paramodular forms from Calabi-Yau operators (2024)
- [2] N. Gegelia, P. Candelas, X,. De la Ossam D. Van Straten, WIP