



Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

Dienstag, 4. Juli 2017

17 Uhr s.t., Geom H4

Prof. Dr. Martin Möller

(Goethe Universität Frankfurt am Main)

Mirror symmetry for elliptic curves revisited

Abstract:

Dijkgraaf's work on mirror symmetry in the 'baby case' for elliptic curves initiated the notion of quasimodular forms. In this talk we revisit his counting of torus covers, beyond the case of simple branching, and use the asymptotics of the quasimodular forms arising as counting functions to compute quantities motivated from the geometry and dynamics of flat surfaces.

Vor dem Vortrag (ab 16.30 Uhr) stehen im Raum 327 Kaffee und Tee bereit.

