



Kolloquium über Reine Mathematik

Einladung zu einem Vortrag

Dienstag, 22. Juni 2021

17 Uhr, virtuelles Meeting mit

[Zoom](#)

Meeting ID: 699 9726 9389

Passwort: 81505154

Prof. Mark Gross

(Cambridge University)

Intrinsic Mirror Symmetry

Abstract:

Mirror symmetry was a phenomenon discovered by physicists around 1989: they observed that certain kinds of six-dimensional geometric objects known as Calabi-Yau manifolds seemed to come in pairs, with a strange relationship between different kinds of geometric objects on the pairs. Since then, the subject has blossomed into a vast field, with many different approaches and philosophies. I will give a brief introduction to the subject, and explain how one of these approaches, developed with Bernd Siebert, has led to a general construction of mirror pairs.

Vor dem Vortrag (ab 16.30 Uhr) besteht das Angebot auf ein Treffen zu einem virtuellen Tee.
Dafür wird der Raum um 16:30 Uhr geöffnet.