



Leibniz
Universität
Hannover

Oberseminar
Institut für Algebraische Geometrie

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**On the irrationality of moduli spaces of K3
surfaces.**

In this talk, we consider quantitative measures of irrationality for moduli spaces of polarized K3 surfaces of genus g . We show that the degree of irrationality is bounded polynomially in terms of g , so that these spaces become more irrational, but not too fast. The key insight is that the irrationality is bounded by the coefficients of a certain modular form. This is joint work with Ignacio Barros and Kuan-Wen Lai.

Donnerstag, 20.05.2021

15:00 - 16:00

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Alle Interessierten sind herzlich eingeladen.