Geometry Of Moduli Spaces And Representation Theory

Eventually, you will categorically discover a further experience and deed by spending more cash. yet when? reach you tolerate that you require to acquire those every needs behind having significantly cash? Why don't you try to acquire something basic in the beginning? That's something that will lead you to comprehend even more in relation to the globe, experience, some places, past history, amusement, and a lot more?

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geometry of moduli spaces and representation theory below.

Geometry Of Moduli Spaces And

Moduli theory is the study of how objects, typically in algebraic geometry but sometimes in other areas of mathematics, vary in families and is fundamental to an understanding of the objects ...

Moduli Spaces

It leads to classical theories of conformal geometry, moduli spaces, harmonic and conformal maps, and Riemann surfaces. These fields are now being applied to study surfaces of bones, brain cortices, ...

FRG: Collaborative Research: Geometric and Topological Methods for Analyzing Shapes

Moduli stacks of global G-shtukas are the function field analogue of Shimura varieties. Their geometry was investigated by the PI and his collaborators. The long term goal of the project is to ...

A03 Special cycles on moduli spaces of G-shtukas

complex geometry and Hodge theory, free resolutions and syzygies, derived categories, invariant theory, moduli spaces, and related topics, all written by leading experts. The articles, which have an ...

Recent Advances in Algebraic Geometry

We aim to decompose special fibres on these moduli spaces into cycles in a way that mirrors multiplicity formulas in representation theory. $\bullet$ Urs

Hartl: CRC 1442: Geometry: Deformation and ...

Arithmetic and Groups

It turns out that this problem has to do with the geometry of points and lines in 4-dimensional space, with equations among numbers ... prove that the Faltings height is actually height on the moduli ...

Asymptotics for Rational Points

Group members have a variety of interests including combinatorial algebraic geometry, moduli spaces, derived categories, enumerative invariants, mirror symmetry and cluster varieties. Current topics ...

Algebra and Algebraic Geometry

When pressed together, it has - seen from above - the geometry of a circle

... for example to moduli spaces, automorphic forms, Galois representations, and cohomological structures.

Four collaborative research centres at Goethe University receiving funding

Two-dimensional (2D) materials have attracted interest because of the unusual properties that emerge in these confined structures. There is a growing family of 2D metal carbides and nitrides known as ...

The world of two-dimensional carbides and nitrides (MXenes)

It is a simply amazing fact that the mathematics that underpins the geometry, structure and dimension of such concepts as Julia sets and limit sets of Kleinian groups, the spaces of moduli of Riemann ...

Elliptic Partial Differential Equations and Quasiconformal Mappings in the Plane (PMS-48)

I am also interested in the applications of algebraic structures coming from physics (such as conformal field theory and vertex algebras) to the geometry of moduli spaces. This is the subject of my ...

David D Ben-Zvi

Since 1988, the Myhill Lecture Series has featured special presentations and lectures by distinguished mathematicians from around the world. The series is named to honor John R. Myhill, Sr., who ...

Myhill Lecture Series

My thesis `Fourier-Mukai transforms for surfaces and moduli spaces of

stable sheaves' was completed in 1998. I held a series of postdoctoral positions at Edinburgh and then Sheffield, including a ...

Professor Tom Bridgeland FRS

Maryam Mirzakhani is a professor at Stanford University who was recognized for "her outstanding contributions to the dynamics and geometry of Riemann surfaces and their moduli spaces." ...

Iranian Becomes First Woman To Ever Win The "Nobel Prize" Of Mathematics

When pressed together, it has - seen from above - the geometry of a circle ... for example to moduli spaces, automorphic forms, Galois representations, and cohomological structures.

DFG funds four collaborative research centers at Goethe University
Netherlands (Non-commutative Geometry, Leke Moerdijk) B.S., Istanbul Bilgi University (Mathematics, Ali Nesin) Research: My main area of interest is number theory. In particular, I am interested in ...