

Oberseminar Geometrie und Topologie

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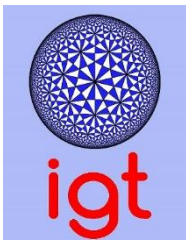
Geometric structures on Eschenburg's Pseudoflag

9. November 2021– 16.15 Uhr

Seminarraum IGT, Raum 7.530, Pfaffenwaldring 57

Abstract: We will consider an action of the two-torus T^2 on Eschenburg's Pseudoflag, which makes it to a GKM manifold. From different descriptions of the Pseudoflag we will define geometric structures on it (like almost complex structures, symplectic or Kähler structures) and study when such a structure is invariant under the action of the two-torus. Some of the results can be generalized to other biquotients.

This is joint work with Oliver Goertsches and Leopold Zoller.



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