

Oberseminar Geometrie und Topologie

Wintersemester
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Spectral problems related to the magnetic Laplacian

13. Februar 2020 – 16.15 Uhr

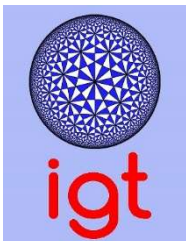
Seminarraum IGT, Raum 7.530, Pfaffenwaldring 57

Abstract: We

1) expose the quasiclassical approximation for eigenfunctions of a magnetic Laplacian corresponding to a magnetic monopole;

2) give a short introduction to the Guillemin--Uribe trace formula for magnetic monopoles and expose some cases for which the first terms of this formula were recently explicitly calculated.

The talk is based on joint works with Yu.A. Korolyukov.



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