

Seminarankündigung

Deformationsquantisierung

Am 29. 01. 2021 spricht um 14 Uhr c.t.

<https://bbb.durates.net/b/ste-2va-uez>

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Flag Manifolds and Isospectral Matrices

The set of all flags of a fixed signature in \mathbb{R}^n forms a smooth manifold that is called flag manifold. Flag manifolds, which generalize the Grassmann manifolds, can be endowed with the structure of a naturally reductive homogeneous space. Moreover, flag manifolds are diffeomorphic to certain submanifolds of the real symmetric $(n \times n)$ -matrices that are given by the orbits of the action of the orthogonal group by similarity transformations. These diffeomorphisms yield the so-called isospectral pictures of flag manifolds. In my talk flag manifolds will be discussed in detail.

gez. Stefan Waldmann