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Isospektrale Quotienten von Stiefel-Mannigfaltigkeiten

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A quotient of a compact manifold by a compact group of isometries can be interpreted as an Alexandrov space with associated Laplacian. We use the so-called torus method to construct various isospectral quotients of Stiefel manifolds and present a non-isometry proof for a special case. This is joint work with Alexander Engel.

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