RUB

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Oberseminar Dynamische Systeme

Nowhere vanishing primitive of a symplectic form and removing parametrized rays symplectically

Dienstag, 10. November 2020
16:15 Uhr – per Zoom

Bernd Stratmann
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Abstract:

In the talk, two new results will be explained. The first one is that an exact symplectic form always admits a nowhere vanishing primitive. The second result says that one can extract a ray from an (open) symplectic manifold and the resulting manifold is always symplectomorphic to the inital manifold. The latter can be generalized under a condition to parametrized rays. Both results are proven with classical methods.

Guests are very welcome!