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Oberseminar Dynamische Systeme

On the global hyperbolicity of the positively elliptic region

Dienstag, 12. Juli 2022
16:15 Uhr – Raum IA 1/181

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Abstract:

It was recently observed by Abbondandolo, Benedetti and Polterovich, that the positive semi-definite symmetric matrices define a conjugation invariant closed cone structure on the linear symplectic group. We show that the open subset of positively elliptic symplectic matrices is globally hyperbolic.

Guests are very welcome!