Functional Analysis Group

$$\forall C \subset X \text{ convex, closed } \forall x \in X \setminus C \; \exists f \in X^*:$$
$$f(x) = a, f(C) < a$$

Seminarvortrag

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An Overview of the Invariant Subspace Problem

Abstract.   Let X be a complex Banach space with $\dim X \geq 2$. The Invariant Subspace Problem for X is the question of whether every bounded linear operator $T\colon X \to X$ has a non-trivial closed invariant subspace, i.e. a closed subspace W with $\{0\} \neq W \neq X$ and $T(W) \subset W$.

  This talk provides a broad overview of the known results and open questions on the invariant subspace problem.

Zeit: Dienstag, den 21. April, 16:15 Uhr

Ort: Viktor-Franz-Hess Haus, Technikerstraße 25, HS G

Gäste sind herzlich willkommen!

Eva Kopecká