

Bounded functional calculi for unbounded operators

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Several new functional calculi for unbounded operators have been discovered recently. In particular, many semigroup generators have a bounded functional calculus for a Banach algebra of so-called analytic Besov functions. I will describe properties and significance of this calculus, and then briefly mention further extensions of that calculus for generators of bounded semigroups on Hilbert spaces and for generators of bounded holomorphic semigroups on Banach spaces.

This work has been in collaboration with Alexander Gomilko and Yuri Tomilov.