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## Functional calculus for analytic Besov functions

I shall describe work with Alexander Gomilko and Yuri Tomilov in which we develop a bounded functional calculus for analytic Besov functions applicable to the generators of many bounded semigroups, including bounded semigroups on Hilbert spaces and bounded holomorphic semigroups on Banach spaces. The calculus is a natural extension of the classical Hille-Phillips functional calculus, and it is compatible with the other well-known functional calculi. It satisfies the standard properties of functional calculi, provides a unified and direct approach to a number of norm-estimates in the literature, and enables improvements of some of them.