

SEMINARIO DE ANÁLISIS Y APLICACIONES

Viernes, 14 de diciembre de 2018

11:30 h., Módulo 17 - Aula 520 (Depto. Matemáticas UAM)

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A Besov algebra calculus for generators of
operator semigroups .

Resumen:

We present a new bounded functional calculus for the generators of bounded semigroups on Hilbert spaces and generators of bounded holomorphic semigroups on Banach spaces. The calculus is a natural (and strict) extension of the classical Hille-Phillips functional calculus. It provides a unified and direct approach to a number of norm-estimates in the literature, and allows improvements of some of them.

This is joint work with C. Batty (Oxford) and A. Gomilko (Torun).

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