Quasi-hyperbolic operators and semigroups

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This talk will describe a class of operators which are necessarily hyperbolic but behave similarly. For C_0-semigroups, the failure of spectral mapping theorems prevents a simple characterisation of quasi-hyperbolicity in terms of the generator, so we discuss properties of semigroups which can be deduced from the appropriate conditions on the generator.

The talk is based on a joint work with Y. Tomilov.