Semigroups on pairs of Banach lattices

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Abstract: In this talk we characterize the perturbation of positive C_0-semigroups on Banach lattices by menas of a weak inequality of the respective generators. This characterization yields kernel estimates for semigroups on L_p-spaces over σ-finite measure spaces.

The talk is based on joint work with Marucs Waurick (TU Dresden).