WEAK CONTRACTIONS AND TRACE CLASS PERTURBATIONS

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Abstract. An absolutely continuous contraction is said to be in the class $\mathcal{A}$ if it has isometric $H^\infty$ functional calculus. We present evidence in favor of the conjecture that the class $\mathcal{A}$ is invariant under trace-class perturbations.


Key words and phrases: Weak contraction, perturbation, trace class, characteristic function, functional calculus.

REFERENCES


