

# Trace Algebras, and Effective Matrix Inversions

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## **Abstract**

A construction of a trace algebra  $H^\infty|\sigma$  on a Blaschke sequence  $\sigma \subset \mathbb{D}$  with a given in advance critical constant is reported. Applications of this result to efficient matrix inversions and the Kadison-Singer problem are discussed.

This is a joint work with V.Vasyunin.