

# Revisiting a quadrature method

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Fifteen years ago, in a joint paper with Professor Siegfried Prößdorf, we studied in  $L^2$  weighted norm a quadrature method for a Cauchy integral equation with a compact perturbation, since the kernel of the perturbation operator was assumed to be weakly singular. This method extended an idea proposed by P. Junghanns and B. Silbermann in a seminal paper.

In this talk the previous paper is revisited, considering the above mentioned problem in different functional spaces.