



## QUADRATURE FORMULA WITH EXPONENTIAL-TYPE WEIGHTS

Ryozi Sakai

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### Abstract

Let  $\mathbb{R} = (-\infty, \infty)$ , and let  $Q \in C^1(\mathbb{R}): \mathbb{R} \rightarrow [0, \infty)$  be an even function. We consider the exponential-type weights  $w(x) = e^{-Q(x)}$ ,  $x \in \mathbb{R}$ . In this paper, we obtain some quadrature formulas with the weight  $w(x)$ .

**Keywords and phrases:** exponential-type weight, quadrature formula.

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