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Interpolatory product quadratures for Cauchy principal value integrals with Freud weights.

(English) [Zbl 0940.65023](#)

Numer. Math. 83, No. 1, 87-105 (1999).

The aim of this paper is to investigate a class of interpolatory product quadrature formulas for Cauchy principal value integrals on the real line with Freud-type weight functions. Numerical examples are considered.

Reviewer: [D.Acu \(Sibiu\)](#)

MSC:

[65D32](#) Numerical quadrature and cubature formulas

[41A55](#) Approximate quadratures

Cited in **7** Documents

Keywords:

Freud weights; numerical examples; interpolatory product quadrature formulas; Cauchy principal value integrals

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