

Семинарски рад 2: Internality of two-measure-based generalized Gauss (NAG) quadrature rules for Jacobi weight functions

Сажетак: Averaged Gaussian quadrature rules are introduced as alternatives to the Gauss-Kronrod quadrature rules, when we use them for estimating the error of the corresponding Gauss quadrature rules. Their lack might be that they are not always internal. In those cases we introduce the new averaged Gaussian quadratures NAG, which can be used as an alternative to the averaged Gaussian quadrature rules, especially in the cases when the former rules are internal and the latter are not.

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