SCHUR–CONVEXITY OF THE WEIGHTED QUADRATURE FORMULA

SANJA KOVAČ

Abstract. We explore the error of the weighted quadrature formulae and give the sufficient and necessary conditions for this type of quadrature formula to have Schur-convexity property. Some special cases of the weighted quadrature formulae are considered.


Keywords and phrases: Weighted function, Schur-convexity, two-point quadrature formula, w-harmonic sequences of functions.

REFERENCES