ON EULER HARMONIC IDENTITIES FOR MEASURES AND ERROR ESTIMATIONS

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Abstract. Some new approximations of functions are given by using generalized Euler identities involving real Borel measures and harmonic sequences of functions. Also, we estimate those approximations for different classes of functions and different types of measures.


Keywords and phrases: Borel measures, harmonic sequences of functions, generalized Euler identities, L-Lipschitzian function, continuous functions of bounded variation.

REFERENCES