Potapov, M. K.; Simonov, B. V.
Kolyada inequality between mixed moduli of smoothness in metrics $L_p$ and $L_\infty$. (English. Russian original) Zbl 07628035

Summary: Interrelations between mixed fractional moduli of smoothness considered in the $L_p$ and $L_\infty$ metrics are clarified in the paper.

MSC:
42A10 Trigonometric approximation
42A05 Trigonometric polynomials, inequalities, extremal problems
46E35 Sobolev spaces and other spaces of “smooth” functions, embedding theorems, trace theorems
41A50 Best approximation, Chebyshev systems
26A33 Fractional derivatives and integrals

Keywords: inequality; metrics; mixed fractional moduli of smoothness

Full Text: DOI

References:

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