 APPROXIMATION IN WEIGHTED LEBESGUE AND SMIRNOV SPACES WITH MATRIX TRANSFORMS

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Abstract. We consider some estimation relating to the approximation properties of mean of Fourier series, using the modulus of continuity in weighted Lebesgue spaces with Muckenhoupt weights. Then we give some applications of these estimations to means of the $p$–Faber series of the functions belong to weighted Smirnov spaces, bounded by a Carleson curve.

References


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