APPROMATION BY \((C, 1)\) AND ABEL–POISSON MEANS OF FOURIER SERIES ON HEXAGONAL DOMAINS

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Abstract. The approximation problems by Cesàro \((C, 1)\) means and by Abel-Poisson means of Fourier series on hexagonal domains are studied. The estimates for the rate of convergence of these means are obtained for functions in Lipschitz classes.


Keywords and phrases: Hexagonal Fourier series, Cesàro means, Abel-Poisson means, Lipschitz class.

REFERENCES