STRONG APPROXIMATION OF ALMOST PERIODIC FUNCTIONS

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Abstract. We consider summability methods generated by the class $GM(\beta)$. We generalize some related results of P. Pych-Taberska [Studia Math. XCVI (1990), 91–103] on strong approximation of almost periodic functions by their Fourier series and S. M. Mazhar and V. Totik [J. Approx. Theory, 60(1990), 174–182] on approximation of periodic functions by matrix means of their Fourier series.


Keywords and phrases: Almost periodic functions, rate of strong approximation, summability of Fourier series.

REFERENCES


