

عنوان مقاله:

On the Basicity of Systems of Sines and Cosines with a Linear Phase in Morrey-Type Spaces

محل انتشار:

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خلاصه مقاله:

In this work systems of sines $\sin \left(n+\beta \right)t, \, n=1,2, \dots$, and cosines $\cos \left(n-\beta \right)t, \, n=0,1,2, \dots$, are considered, where $\beta \in \mathbb{R}$ is a real parameter. The subspace $M^{p,\alpha} \left(0,\pi \right)$ of the Morrey space $L^{p,\alpha} \left(0,\pi \right)$ in which continuous functions are dense is considered. Criterion for the completeness, minimality and basicity of these systems with respect to the parameter β in the subspace $M^{p,\alpha} \left(0,\pi \right), \, 1$

کلمات کلیدی:

Basicity, System of sines, System of cosines, Morrey space

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