

عنوان مقاله:

Banach function algebras generated by normed vector spaces and linear functionals

محل انتشار:

پنجمین سمینار آنالیز هارمونیک و کاربردهای آن (سال: 1395)

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خلاصه مقاله:

Given a non-zero normed vector space A and a contractive non-zero element $\phi \in A^*$ (the dual space of A), we introduce the Banach function algebra $C_\phi(K)$, where $K = B(0,1)$ is the closed unit ball of A . We investigate and characterize some basic properties, such as idempotent elements, nilpotent elements and bounded approximate identities of the Banach function algebra $C_\phi(K)$. Finally we characterize some elements of the character space $\Delta(C_\phi(K))$.

کلمات کلیدی:

Banach function algebra, Normed vector space, Bounded approximate identity, Idempotent element, Character space

لینک ثابت مقاله در پایگاه سیویلیکا:

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