

عنوان مقاله:

Different approaches to finite Wavelet Frames over Finite rings

محل انتشار:

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خلاصه مقاله:

In this paper we introduce a new class of finite wavelet systems over finite rings of integers modulo $N \in \mathbb{N}$. A complete characterization of such systems over rings of order $p^\alpha (\alpha \geq 1)$, under prime power " p " is obtained. In particular, we show that odd and even prime powers, each admits certain methods. We extend the results for rings of any natural order.

کلمات کلیدی:

Finite wavelet frame, Finite wavelet group, Finite ring

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