

### عنوان مقاله:

Pseudoframe multiresolution structure on abelian locally compact groups

### محل انتشار:

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### خلاصه مقاله:

Let  $G$  be a locally compact abelian group. The concept of a generalized multiresolution structure (GMS) in  $L^2(G)$  is discussed which is a generalization of GMS in  $L^2(\mathbb{R})$ . Basically a GMS in  $L^2(G)$  consists of an increasing sequence of closed subspaces of  $L^2(G)$  and a pseudoframe of translation type at each level. Also, the construction of affine frames for  $L^2(G)$  based on a GMS is presented.

### کلمات کلیدی:

Pseudoframe, generalized multiresolution structure, locally compact group, affine pseudoframe

### لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1902961>

