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*On Butler  $B(2)$ -groups decomposing over two base elements*

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**Abstract:** A  $B(2)$ -group is a sum of a finite number of torsionfree Abelian groups of rank 1, subject to two independent linear relations. We complete here the study of direct decompositions over two base elements, determining the cases where the relations play an essential role.

**Keywords:** Abelian group, torsionfree, finite rank, Butler group,  $B(1)$ -group,  $B(2)$ -group, type, tent, base change, direct decomposition, typeset

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