

**Clorinda De Vivo, Claudia Metelli**  
***On direct sums of  $B^{(1)}$ -groups — II***

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**Abstract:**  $B^{(1)}$ -groups are a class of torsionfree Abelian groups of finite rank, part of the main class of Butler groups. In the paper C. Metelli, On direct sums of  $B^{(1)}$ -groups, Comment. Math. Univ. Carolinae 34 (1993), 587–591, the problem of direct sums of  $B^{(1)}$ -groups was discussed, and a necessary and sufficient condition was given for the direct sum of two  $B^{(1)}$ -groups to be a  $B^{(1)}$ -group. While sufficiency holds, necessity was wrongly claimed; we solve here the problem, and in the process study a curious hierarchy among indecomposable direct summands of  $B^{(1)}$ -groups.

**Keywords:** Butler group,  $B^{(1)}$ -group, tent, direct decomposition, finite algorithm  
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