

Recent Results on the Classification of Starters

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A *starter* in an odd order abelian group G is a set of unordered pairs $S = \{\{s_i, t_i\} : 1 \leq i \leq (|G| - 1)/2\}$, for which $\{s_i\} \cup \{t_i\} = G \setminus \{0\}$ and $\{\pm(s_i - t_i)\} = G \setminus \{0\}$. If $s_i + t_i = s_j + t_j$ implies $i = j$, the starter is called a *strong* starter. Previous results on the number of distinct and inequivalent starters and strong starters in cyclic groups are here extended up to \mathbb{Z}_{35} . Some incorrect values are detected in the process of verifying old results. The computational approach for achieving these results is discussed as well as their validation.