

About the Davenport Constant

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Abstract: In an abelian group G we define the Davenport Constant of G , denoted $D(G)$, to be the smallest integer n so that every sequence of a_1, a_2, \dots, a_n from G has a nontrivial subsequence with the product equal to 1. We try to calculate this constant for diferent types of abelian groups.