Title: On a problem of Erdős and Graham

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In this paper, we focus on an old problem of Erdős and Graham. Let $k \geq 3$ be an integer and $\mathcal{A} = (a_i)_{i=1}^{\infty}$ be a sequence of integers. Let $k\mathcal{A}$ be the set of all sums of k elements of $\mathcal{A}$ with repetitions allowed. We show that if the difference sequence of $\mathcal{A}$ is block type, then there is sequence $\mathcal{B}$ such that $k\mathcal{A} \cap \mathcal{B} \neq \emptyset$.

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