

- ▶ DENIS HIRSCHFELDT, *Computability theory, reverse mathematics, and Hindman's Theorem*.

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I will discuss results and open problems concerning the computability-theoretic and reverse-mathematical strength of versions of Hindman's Theorem, which states that for any coloring of the natural numbers with finitely many colors, there is an infinite set S such that all nonempty sums of distinct elements of S have the same color.