

Cycle decompositions in k -uniform hypergraphs

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We show that k -uniform hypergraphs on n vertices whose codegree is at least $(2/3 + o(1))n$ can be decomposed into tight cycles, subject to the trivial divisibility condition that every vertex degree is divisible by k . As a corollary, we show that such hypergraphs also have a tight Euler tour, answering a question of Glock, Joos, Kühn, and Osthus.

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