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Minimum degree conditions for tight Hamilton cycles

We study the existence of tight Hamilton cycles in k -uniform hypergraphs under minimum d -degree conditions. The case of $k = 2$ and $d = k - 1$ corresponds to Dirac's classic theorem. A well-known result of Rödl, Ruciński and Szemerédi extends this to all $k \geq 3$. Here, we develop a general framework to approach this problem and use it to resolve the case of $d = k - 2$ and $k \geq 3$.