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Proof of a conjecture of Bollobás on nested cycles. (In English)

Cycles $C_1, C_2, \ldots, C_k$ are nested if they are edge-disjoint and their vertex sets satisfy $V(C_1) \supseteq V(C_2) \supseteq \cdots \supseteq V(C_k)$. For every positive integer k, a constant d_k is obtained with the property that a graph with minimum degree d_k must contain k nested cycles. This confirms a conjecture of Bollobás.

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Classification:
05C38 Paths and cycles
05C35 Extremal problems (graph theory)

Keywords:
nested cycles; conjecture of Bollobás