In 1978, Sauer and Spencer proposed the following conjecture: Any graph with \( n \) vertices and minimum degree at least \( \frac{2}{3}n \) contains every graph \( H \) on \( n \) vertices with maximum degree at most 2. This paper proves that the conjecture is true for sufficiently large \( n \).

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MSC:

05C35 Extremal problems in graph theory
05C70 Edge subsets with special properties (factorization, matching, partitioning, covering and packing, etc.)

Keywords:

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References:

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