

Robertson, Neil; Sanders, Daniel; Seymour, Paul; Thomas, Robin
The four-colour theorem. (English) [Zbl 0883.05056](#)
J. Comb. Theory, Ser. B 70, No. 1, 2-44 (1997).

The four-colour theorem, that every loopless planar graph has a vertex colouring with at most four colours, was proved by Appel and Haken in 1976, using a computer. Here another proof is given, still using a computer, but simpler than the original.

Reviewer: C.Jagger (Cambridge)

MSC:

[05C15](#) Coloring of graphs and hypergraphs

Cited in **7** Reviews
Cited in **144** Documents

Keywords:

four colour theorem; planar graph; vertex colouring

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