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An unavoidable set of D -reducible configurations. (English) Zbl 1221.05165
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Summary: We give a new proof of the four-color theorem by exhibiting an unavoidable set of 2822 D -reducible configurations. The existence of such a set had been conjectured by several researchers including Stromquist (1975), Appel and Haken (1977), and Robertson, Sanders, Seymour and Thomas (1997).

MSC:

05C15 Coloring of graphs and hypergraphs

Cited in 1 Document

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