

Order Invariant Sequentially Colorable Graphs*

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Abstract

Sequential coloring of the vertices of a graph depends on the order of the vertices. Graphs, which require the same number of colors in any sequential coloring, are investigated. They are completely determined for complementary graphs of cycles, distance powers of cycles and $(n - 3)$ -regular graphs on n vertices.

Keywords: graph coloring, chromatic number.

2000 Mathematics Subject Classification: 05C15, 05C85.

For a preprint please contact the author.

*Mathematik-Bericht 4 (2002), 1-8, TU Clausthal