Research

An Introduction to Online List Coloring on Graphs

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摘　要：

The online list coloring problem is a turn-based strategy game on graphs with two players: Painter and Lister. Given a graph G, in each round, Lister first gives a list of vertices and Painter need to choose some vertices to paint under the requirement that no two adjacent vertices are painted in the same round.

This is a more challenging generalization of the classical vertex coloring problem. In this talk, known results and something new will be introduced.