

学术报告

On some Gallai Ramsey numbers

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Abstract: A Gallai coloring of a complete graph is an edge-coloring such that no triangle has all its edges colored differently. A Gallai k -coloring is a Gallai coloring that uses k colors. Given a graph H and an integer $k \geq 1$, the Gallai-Ramsey number $GR_k(H)$ of H is the least positive integer N such that every Gallai k -coloring of the complete graph K_N contains a monochromatic copy of H . In this report, we will talk about some new results and problems on the Gallai-Ramsey numbers for cycles, complete graphs and complete bipartite graphs.

欢迎大家参加！