

Gallai Ramsey number of cycles

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A Gallai k -coloring of a graph is a k -edge-coloring without rainbow triangle. The Gallai Ramsey number $GR_k(G)$ is the smallest positive integer N such that any Gallai k -edge-coloring of a complete graph on N vertices must contain a monochromatic copy of G . In this talk, we will discuss $GR_k(G)$ for G being a cycle.