

On the Ramsey numbers for a combination of paths and Jahangirs

Kashif Ali, Edy Tri Baskoro

Abstract. For given graphs G and H ; the *Ramsey number* $R(G;H)$ is the least natural number n such that for every graph F of order n the following condition holds: either F contains G or the complement of F contains H : In this paper, we improve the Surahmat and Tomescu's result [9] on the Ramsey number of paths versus Jahangirs. We also determine the Ramsey number $R(\cup G;H)$, where G is a path and H is a Jahangir graph.