

论文

THE RAMSEY NUMBERS FOR STARS AND STRIPES

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摘要:

Let $\Sigma = \sum_{i=1}^t (n_i - 1)$ and $\Lambda = \sum_{j=1}^s (m_j - 1)$. This paper considers the generalized Ramsey number $R(K_{\{1, n_1\}, \dots, K_{\{1, n_t\}}, m_1 K_2, \dots, m_s K_2)$ for any Σ and Λ . And the authors get their exact values if $1 \leq \Lambda \leq \Sigma$ and their upper bounds if $\Lambda > \Sigma$

关键词: rm Ramsey number Stars Stripes

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Abstract:

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[1] Burr S A, Roberts J A. On Ramsey numbers for stars. Utilitas Math, 1973, 4: 217-220

[2] Bondy J A, U S R Murty. Graph Theory with Applications. London and Basingstoke: The Macmillan Press Ltd, 1976

[3] Cockayne E J, Lorimer P J. The Ramsey number for stripes. J Austral Math Soc Ser A, 1975, 19: 252-256

[4] Dirac G A. Some theorems on abstract graphs. Proc London Math Soc, 1952, 3(2): 69-81

[5] Lorimer P. The Ramsey numbers for stripes and one complete graph. J of Graph Theory, 1984, 8: 177-184

[6] Lorimer P, Solomon W. The Ramsey numbers for stripes and complete graphs 1. Disc Math, 1992, 104:

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