

A New Look at Bipartite Ramsey Numbers

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For two bipartite graphs F and H , the bipartite Ramsey number $BR(F, H)$ of F and H is the smallest positive integer r such that every red-blue coloring of the r -regular complete bipartite graph $K_{r,r}$ results in either a red F or a blue H . We provide a new look at this concept and introduce the concept of s -bipartite Ramsey numbers of two bipartite graphs. Recent results and open questions are presented.

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