

Rainbow Ramsey Number for Posets

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We address the following rainbow Ramsey problem: For posets P, Q what is the smallest number n such that any coloring of the elements of the Boolean lattice B_n either admits a monochromatic copy of P or a rainbow copy of Q . We consider both weak and strong (non-induced and induced) versions of this problem.

Keywords: Ramsey number, rainbow coloring, Boolean lattices

References

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