## Solving the single step graph searching problem by solving the maximum two-independent set problem

Hsiao, Ju-Yuan; Tang, C. Y.; Chang, R. S.

## Abstract

The problem of single step searching a graph is investigated. We show that this problem can be solved by solving the maximum two-independent set problem. Results about solving the single step graph searching problem on special graphs are listed.

Key words: Combinational problems; Design of algorithms