Abstract

In this paper, we determine the mediator chromatic number of cartesian product of a path with $K_2$ and thus prove that the mediator chromatic number of Ladder graphs and Grid graphs are polynomially solvable.

Reference

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graphical homomorphisms. Portugaliae Mathematica, 26-Fasc.4 (1967).
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Index Terms

Computer Science
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Key words

Mediator colouring
mediator colourclass
mediator chromatic number