Generalized Matrogenic Graphs

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Received April 29, 2002

AMS Subject Classification: 05B35, 05C62

Abstract. Using a forbidden induced subsystem characterization of matroids, we propose a method for characterizing classes of $\mathcal{P}$ -matrogenic graphs for all hereditary graph properties $\mathcal{P}$.

Keywords: independence system, matroid, matrogenic graph, forbidden induced subsystem characterization

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* Partially supported by DIMACS Summer 2002 Award.

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