

ON THE BRUALDI-LIU CONJECTURE FOR THE EVEN PERMANENT*

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Abstract. Counterexamples are given to Brualdi and Liu's conjectured even permanent analogue of the van der Waerden-Egorychev-Falikman Theorem.

Key words. Even permanent, Doubly stochastic, Permutation matrix.

AMS subject classifications. 15A15.

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