Meeting: 1005, Newark, Delaware, SS 16A, Special Session on Probabilistic Paradigms in Combinatorics

1005-05-204 **Jonathan D Cutler*** (`jcutler@math.unl.edu`), Avery Hall 238, Department of Mathematics, University of Nebraska-Lincoln, Lincoln, NE 68588-0130, and **Lars-Daniel Ohman**, Umea University, Department of Mathematics, Umea, Sweden. *Latin squares with forbidden entries.* Preliminary report.

A square array is avoidable if there is a Latin square which differs from the array in every cell. We will present a generalization of a result of Chetwynd and Rhodes involving avoiding arrays with two entries in each cell. We in fact generalize their method of proof to give a result about avoiding arrays with arbitrarily many entries in each cell. (Received February 11, 2005)