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**Christine A. Kelley\*** ([ckelley2@math.unl.edu](mailto:ckelley2@math.unl.edu)), Department of Mathematics, 203 Avery Hall, University of Nebraska-Lincoln, Lincoln, NE 68588. *Recent results on codes designed from permutation matrices.* Preliminary report.

Some well known constructions of LDPC codes, particularly quasi-cyclic LDPC codes, are based on shifted identity matrices. In this talk, we introduce a family of codes designed from another special class of permutation matrices and examine their properties. (Received August 26, 2008)