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Gretchen L Matthews* (gmatthe@clermson.edu), Department of Mathematical Sciences, Clemson University, Clemson, SC 29634-0975. *Partial permutation decoding of Hermitian codes*. Preliminary report.

Permutation decoding, introduced by MacWilliams in 1964, depends on a set of automorphisms of the code to map received errors into the check positions. In this talk, we discuss partial permutation decoding of Hermitian codes. In particular, we consider PD-sets which correct small numbers of errors and certain error patterns. This is joint work with Padmapani Seneviratne. (Received August 01, 2007)