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**Alexander Barg\*** (abarg@umd.edu), **Arya Mazumdar** and **Gilles Zemor**. *Constructions of codes in permutations.*

We study packings of the set of permutations with respect to the Kendall tau distance, i.e., the number of adjacent transpositions. We present several constructions of codes with large Kendall distance and simple decoding algorithms. The number of errors correctable by the codes covers a broad range of parameters. We also analyze asymptotic properties of the proposed constructions. (Received August 23, 2011)