1096-05-885 **Jozsef Balogh**, **Ping Hu**, **Bernard Lidicky*** (lidicky@illinois.edu), **Oleg Pikhurko**, **Balazs Udvari** and **Jan Volec**. *Use of flag algebras with permutations.*

Flag algebras are recently developed tools with many successful applications when considering maximal or minimal densities of fixed graphs in family of graphs. The concept can be also applied for other settings like hypergrpahs, hypercubes or permutations where we show some progress. (Received September 10, 2013)