

1116-57-1528 **Radmila Sazdanovic*** (rsazdanovic@math.ncsu.edu), Department of Mathematics NCSU, SAS Hall 2311 Stinson drive, PO Box 8095, RALEIGH, NC 27695. *Homology of generalized configuration spaces*. Preliminary report.

The configuration space of n distinct points in a manifold is a well-studied object with lots of applications. Eastwood and Huggett relate homology of so-called graph configuration spaces to the chromatic polynomial of graphs. In this talk we will describe generalization of this approach from graph to simplicial complexes. (Received September 20, 2015)