

## David Forge (Orsay)

---

# No-Broken-Circuit Sets of Truncated Affine Arrangements

---

## Abstract for the Combinatorics Seminar 2010 October 6

---

I present some constructions on the class of no-broken-circuit (NBC) sets of some “deformations” of the braid arrangement. (The hyperplanes of the deformations have equation of the form  $x_i - x_j = k$ .) This leads us to new bijective proofs for the numbers of regions of the Shi, Linial and other hyperplane arrangements.

This is joint work with Sylvie Corteel and Véronique Ventos.

---

From:

<http://www2.math.binghamton.edu/> - **Binghamton University Department of Mathematical Sciences**

Permanent link:

<http://www2.math.binghamton.edu/p/seminars/comb/abstract.201010for>

Last update: **2020/01/29 19:03**

