Emanuele Delucchi (Binghamton)

Discrete Morse Functions for Complexified Hyperplane Arrangements

Abstract for the Combinatorics Seminar 2008 April 15

This is a continuation of my talk on <u>Discrete Morse Theory</u> of March 18. I will show discrete Morse theory at work in the study of arrangements of complex hyperplanes. Given a complex arrangement (satisfying some additional hypotheses), discrete Morse theory allows one to explicitly construct CW-complexes that are homotopy equivalent to the complement of the arrangement and have the smallest possible number of cells in each dimension.

From:

https://www2.math.binghamton.edu/ - **Department of Mathematics and Statistics, Binghamton University**

Permanent link:

https://www2.math.binghamton.edu/p/seminars/comb/abstract.200804del

Last update: 2020/01/29 19:03