

Nate Reff (Binghamton)

The Lattice of Non-Crossing Partitions

Abstract for the Combinatorics Seminar 2008 November 11

The lattice of non-crossing partitions is self-dual in a simple way. I will show that it also has a symmetric chain decomposition by decomposing it into sub-posets that are direct products of smaller non-crossing partition lattices. I will also present a constructive proof of this through words.

This work was done by Simion and Ullman.

From:

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

Permanent link:

<http://www2.math.binghamton.edu/p/seminars/comb/abstract.200811ref>

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

