

Kaitlin Reissig (Binghamton)

Shelling Polytopal 3-Balls

Abstract for the Combinatorics Seminar 2011 November 22

A shelling of a polytopal complex is an ordering of its maximal cells that proves that the polytopal complex is a ball or sphere. Not all polytopal balls and spheres have a shelling. I'll give some background on shellings and talk about Ziegler's construction of a nonshellable polytopal ball with only ten vertices.

From:

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

Permanent link:

<http://www2.math.binghamton.edu/p/seminars/comb/abstract.201111rei>



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