

Year: 2013

Vol.: 83

Fasc.: 3

Title: A duality property of Delaunay faces for line
arrangements in $\mathbb{H}^3$

Author(s): Andrew Przeworski

For an arrangement of lines in $\mathbb{H}^3$, each face of the Delaunay cells is determined by three lines. We prove that the face associated with three lines is the same as the face associated with the three pairwise common perpendiculars to those lines, except in some degenerate circumstances.

Address:

Andrew Przeworski
Department of Mathematics
College of Charleston
66 George Street
Charleston, SC 29424
United States of America