

1021-14-83

Nicholas J Proudfoot* (njp@math.columbia.edu), Department of Mathematics, Columbia University, MC 4406, 2990 Broadway, New York, NY 10027. *Algebraic combinatorics of hypertoric varieties.*

Hypertoric varieties may be seen as quaternionic analogues of toric varieties. I will give an overview of these spaces, focusing on their relationship to the algebraic combinatorics of matroids. (Received August 26, 2006)