

1138-05-306

**Stefan HM van Zwam\*** (svanzwam@math.lsu.edu) and **Kevin Grace**. *Working with templates.*

In 2015, Geelen, Gerards, and Whittle announced some results on the structure of the highly connected matroids in a minor-closed class of matroids representable over a finite field. In particular, these matroids will be bounded-rank perturbations of more highly structured matroids. Furthermore, they announced a more detailed description of these perturbations through the introduction of templates. The proofs of these results are forthcoming, and based on their Matroid Structure Theorem.

In this talk, I will introduce their proposed results, discuss a necessary modification to deal with some unexpected structures, and outline how to use these templates through certain reduction operations. (Received February 12, 2018)