

1125-05-1878

**Christin Bibby\*** (cbibby2@uwo.ca), **Graham Denham** and **Eva Maria Feichtner**. *A Leray model for the Orlik-Solomon algebra.*

We give a sequence of combinatorial models (CDGAs) for the Orlik-Solomon algebra of a matroid, arising from a sequence of combinatorial blowups. In the case that the matroid is complex realizable, each is a model in the sense of rational homotopy theory, arising from the Leray spectral sequence associated to the inclusion of the projective complement into a certain projective variety. (Received September 19, 2016)