

---

**SARAH KITCHEN**, University of Utah, Salt Lake City, UT 84112

*Localization of degenerate principal series*

For a Harish-Chandra pair  $(g, K)$ , the Cousin resolution gives a geometric interpretation of the fact that the trivial representation can be written in the Grothendieck group of Harish-Chandra modules as an alternating sum of standard modules. I will give a more general geometric construction generalizing the Cousin resolution to partial flag varieties which allow for general homological methods to be used in the computation of composition series for some low rank examples of degenerate principal series.