

1171-14-212

**Mee Seong Im\*** (meeseongim@gmail.com), Chauvenet Hall, Department of Mathematics, United States Naval Academy, Annapolis, MD 21402. *Irreducible components of two-row Springer fibers for all classical types.*

I will give an explicit description of the irreducible components of two-row Springer fibers for all classical types using cup diagrams. Cup diagrams can be used to label the irreducible components of two-row Springer fibers. Given a cup diagram, we explicitly write down all flags contained in the component associated with the cup diagram. This generalizes results by Stroppel–Webster and Fung to all classical types. This is joint work with Chun-Ju Lai and Arik Wilbert. (Received August 11, 2021)