1163-47-1098      **Rachael Norton** (`rnorton9@fitchburgstate.edu`), **Sarah Reznikoff\*** (`sarahrez@ksu.edu`) and **Sarah Wright** (`swright8@fitchburgstate.edu`). *A picture of Cartan subalgebras in twisted k-graph algebras.*

In 2008, Renault proved that every topologically principal groupoid C*-algebra contains a Cartan subalgebra. We recall work with Duwenig and Gillaspy that shows certain non-topologically principal twisted groupoid C*-algebras contain Cartan subalgebras, and in the case that the groupoid is the path groupoid of a k-graph we describe certain subgroupoids that give rise to these subalgebras. (Received September 14, 2020)