

September 25, 2019: George Lusztig (MIT), *A new basis for the Grothendieck group of unipotent representations.*

We define a new basis for the representation ring of a Weyl group. (It can be viewed as a part of a new basis of the Grothendieck group of unipotent representations of a finite Chevalley group which consists of bi-positive elements in a suitable sense.) This gives a new classification of the irreducible representation of a Weyl group.