1139-05-636   **Christin Bibby*** (`bibby@umich.edu`). *Toric arrangements associated to root systems.*

From a root system, one can define an arrangement of subtori inside a complex torus. The collection of connected components of intersections of the subtori forms a partially ordered set, called the poset of layers. The Weyl group acts on the complement of the arrangement and on its poset of layers, and we study the (co)homology of each as a representation of the group. Of particular interest are types A, B, C, and D, where the representations stabilize. (Received February 20, 2018)