

1119-11-146

Holley Friedlander* (friedlah@dickinson.edu). *On p -parts of Weyl group multiple Dirichlet series.*

There are two main techniques for constructing p -parts of Weyl group multiple Dirichlet series. The first of Brubaker, Bump, and Friedberg defines the coefficients term by term via Gelfand-Tsetlin patterns, crystal graphs, and related combinatorial devices. The second of Chinta and Gunnells defines the coefficients all at once via an averaging technique analogous to the Weyl character formula. We compare these two techniques and provide evidence that they yield the same series, extending previous results of Chinta, Friedberg, and Gunnells. (Received February 14, 2016)