1046-11-1954   **Jennifer Beineke*** (`jbeineke@wnec.edu`), Department of Mathematics, Western New England College, 1215 Wilbraham Road, Springfield, MA 01119, **Ben Brubaker** (`brubaker@math.mit.edu`), MIT, Department of Mathematics, Room 2-267, Cambridge, MA 02139, and **Sharon Frechette** (`sfrechet@mathcs.holycross.edu`), 321 Swords Hall, Dept. of Math & Computer Science, College of the Holy Cross, Worcester, MA 01610. *Weyl Group Multiple Dirichlet Series for Type C.* Preliminary report.

Weyl group multiple Dirichlet series are Dirichlet series in several complex variables associated to a root system Φ. In this talk, we will discuss results for root systems of Type C. We will also describe some algebraic combinatorics involving Gelfand-Tsetlin patterns, used in the construction of the multiple Dirichlet series. (Received September 16, 2008)

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