

1084-06-70

**Nantel Bergeron\*** ([bergeron@yorku.ca](mailto:bergeron@yorku.ca)), York University, Dept. of Mathematics and Stat., Toronto, Ontario M3J1P3, Canada, and **C. Berg, F. Saliola, L. Serrano** and **M. Zabrocki**.

*Quasisymmetric functions for a poset of compositions and the immaculate basis.*

In a recent paper on ArXive 1208.5191, we introduce the Immaculate basis of noncommutative symmetric functions. We introduce a poset of compositions and an associated quasisymmetric function that encode the structure constant of the immaculate basis. (Received September 04, 2012)