1039-05-113   **Lenny Tevlin*** (`tevlin@yu.edu`), Physics Department, Yeshiva University, 500 West 185th St, New York, NY 10033. *Expansions of Symmetric Functions in Commutative Images of Noncommutative Symmetric Functions.*

One way to gain better understanding of symmetric functions is to break them up into simpler pieces. This can be considered as a motivation for development of the theory of noncommutative symmetric functions. In this talk I will present an expansion of Schur functions in commutative images of noncommutative fundamental symmetric functions as well as the relationship between the noncommutative Cauchy identity and the classical one. (Received March 09, 2008)