

1068-05-18

**John T. Hird\*** (jthird@ncsu.edu), **Naihuan Jing** and **Ernest Stitzinger**. *Codes and shifted codes of partitions*.

The Bernstein operators are a special set of vertex operators that can generate the Schur functions. We demonstrate several combinatorial proofs of the action of the Bernstein operators on Schur functions. We then show the analogous results and combinatorial objects for Schur Q-functions. (Received November 22, 2010)