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Scott Andrews* (scottdandrews@gmail.com) and **Nathaniel Thiem**. *Generalized Gelfand–Graev characters, Kostka polynomials, and supercharacters.*

The generalized Gelfand–Graev characters, originally constructed by Kawanaka, are useful tools in studying the representation theory of finite reductive groups. We calculate the multiplicities of the irreducible characters in the generalized Gelfand–Graev characters of $GL_n(\mathbb{F}_q)$. In doing so, we see connections to the ring of symmetric functions and the Kostka polynomials. We also describe these characters in terms of supercharacters of the unipotent upper-triangular matrices. (Received August 27, 2014)