

1106-05-1035      **Holley Friedlander\*** (friedlah@dickinson.edu), **Louis Gaudet** and **Paul E. Gunnells**. *A Tokuyama-type formula for  $G_2$* .

In 1988 Tokuyama used Gelfand-Tsetlin patterns to prove a deformation of the Weyl character formula for  $GL_n$ . In this talk, we conjecture an analogous formula for the root system  $G_2$ . As evidence for our conjecture, we prove a combinatorial version of the Gindikin–Karpelevič formula for  $G_2$ , in the spirit of Bump-Nakasuji’s formula for type  $A$ . (Received September 09, 2014)