Oliver Dasbach* (kasten@math.lsu.edu), Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803, and Cody Armond. Properties of the head and tail of the colored Jones polynomial.

For certain classes of knots the colored Jones polynomial has a stabilizing head and tail as the color increases. In the simplest cases the head and tail functions are evaluations of the 2-variable Ramanujan theta function. We will discuss properties of the head and tail of the colored Jones polynomial. (Received September 21, 2011)