

1060-57-119

**Hao Wu\*** ([haowu@gwu.edu](mailto:haowu@gwu.edu)), Department of Mathematics, GWU, Monroe Hall, Room 240, 2115 G Street, NW, Washington, DC 20052. *Generic deformations of the colored  $sl(N)$ -homology for links.*

I will generalize the construction by Lee and Gornik to give an invariant basis for each generic deformation of the colored  $sl(N)$ -homology. I will also discuss some of its applications. (Received March 25, 2010)