

1046-54-2085      **S Gukov\*** ([gukov@theory.caltech.edu](mailto:gukov@theory.caltech.edu)), Caltech 452-48, Pasadena, CA 91125. *Matrix factorizations of colored MOY graphs.*

I will introduce a natural generalization of the matrix factorizations used by Khovanov and Rozansky in their construction of the  $\mathfrak{sl}(N)$  link homology. It seems this generalization should lead to a categorification of the colored MOY invariant. (Received September 17, 2008)