

1061-57-183

**E. Fanny Jasso-Hernandez\*** ([fjasso@matem.unam.mx](mailto:fjasso@matem.unam.mx)), Instituto de Matemáticas, U.N.A.M.,  
Area inv. científica, Circuito Exterior, Ciudad Universitaria, Coyoacan, Mexico, DF 04510, and  
**Yongwu Rong**. *Relations between graph homologies and Khovanov homology.*

The similarities between the bracket state sum for the Jones polynomial and a state sum for graphs when computing the chromatic and the Tutte polynomial provide connections between the categorification of these polynomials. We discuss these connections, as well as a relation with the Potts model given by L. Kauffman. (Received April 13, 2010)