

1054-57-63

**Louis H. Kauffman\*** ([kauffman@uic.edu](mailto:kauffman@uic.edu)), Department of Mathematics, University of Illinois at Chicago, 851 South Morgan Street, Chicago, IL 60607-7045. *Khovanov Homology and the Potts Model.*

We will discuss relationships between the Potts model in statistical mechanics and Khovanov homology. The talk is based on [arXiv:0907.3178](https://arxiv.org/abs/0907.3178). (Received September 01, 2009)