

Meeting: 1000, Albuquerque, New Mexico, SS 5A, Special Session on Categories and Operads in Topology, Geometry, Physics and Other Applications

1000-57-156 **Charles Frohman** and **Joanna Kania-Bartoszyńska*** (jkaniaba@nsf.gov), National Science Foundation, 4201 Wilson Blvd., Room 1025, Arlington, VA 22230. *Asymptotics of the Turaev-Viro invariant of 3-manifolds*. Preliminary report.

We will discuss asymptotic behavior of the Turaev-Viro invariant of 3-dimensional manifolds and its relationship with the Reidemeister torsion. (Received August 23, 2004)