

1014-57-1599      **Marta Asaeda\***, Mathematics, 900 Big Springs Dr, Riverside, CA 92521. *BN-modules for Seifert fibred spaces*. Preliminary report.

BN modules for 3 manifolds are kind of skein modules defined based on surfaces and their relations given by Bar-Natan and Khovanov as a mean to produce functors between curves on surfaces. We will discuss their structures of some manifolds, including Seifert fibred spaces. This is a joint work with Charlie Frohman. (Received September 28, 2005)