



Speaker: Jonathan Bloom
MIT

Thursday, October 13, 2011
2:00 PM
125 Hayes-Healy Hall

Title: A Künneth formula in monopole Floer homology

Abstract:

We establish a Künneth formula in monopole Floer homology, which describes how the groups associated to 3-manifolds behave under the operation of connected sum. The proof is based on a rigidity principle for Floer theories satisfying the surgery exact triangle. This is joint work with Tom Mrowka and Peter Ozsvath