Capping off open books and the Ozsvath-Szabo contact invariant

John Baldwin
(Princeton University)
February 27, 2009

If $(S, h)$ is an open book with disconnected binding then we can form a new open book $(S', h')$ by capping off one of the boundary components of $S$ with a disk. I’ll describe a $U$-equivariant map on Heegaard Floer homology which sends $c^+(S', h')$ to $c^+(S, h)$, and I’ll discuss various applications.

3:45 p.m.
Math 520
Columbia University