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Seminar

An unoriented skein relation for bordered sutured Floer homology

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Abstract

Although the Alexander polynomial does not satisfy an unoriented skein relation, Manolescu showed that there exists an unoriented skein exact triangle for link Floer homology in the 3-sphere. In this talk, we will describe a generalization of this result to the context of Zarev's bordered sutured Floer homology, which, by the cut-and-paste properties of Zarev's theory, implies a skein relation for knot Floer homology in arbitrary 3-manifolds. This is joint work with Shea Vela-Vick.

Date: 9 August 2018 (Thursday)
Time: 1:30pm – 3:00pm
Venue: Room 222, Lady Shaw Building,
The Chinese University of Hong Kong, Shatin

All are Welcome