

The universal $\mathfrak{sl}(2)$ link homology

I will introduce and describe the features of the ‘universal’ $\mathfrak{sl}(2)$ link homology that categorifies the Jones polynomial of the link. This theory depends on two parameters, and is constructed via webs and foams (piecewise oriented cobordisms) modulo local relations. If we let both parameters to be zero, we obtain an isomorphic version of the Khovanov homology.