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Skein algebras of punctured spheres, Coulomb branches and knot homology

Certain skein algebras of surfaces are expectied to be isomorphic to K-theoretic Coulomb branch algebras. This suggests that these algebras can be categorified using coherent sheaves on BFN spaces. I will explain how we can combine my older work with Cautis into this perspective in order to obtain homological knot invariants for knots in thickened punctured spheres.