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Du Pei*, Center for Math. Sciences and Applications, 20 Garden St, Cambridge, MA 02138.

Quantization of Coulomb Branches and Double Affine Hecke Algebras.

The study of Coulomb branches of supersymmetric quantum field theories have in recent years led to many interesting insights into geometry and representation theory. In this talk, I will discuss the A-models with Coulomb branch targets, and show how to use them to better understand the representation theory of the double affine Hecke algebra. (Received September 15, 2020)