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Title: Line operators and Cherkis Bows

Abstract: I will discuss brane constructions of line operators in 4d Chern-Simons theories. This will show that phase spaces of such line operators are described by the supersymmetric vacua of certain 3d  $N=4$  theories which coincide with Cherkis bow varieties. Such line operators determine representations appearing in integrable spin chains. We can also see examples of varieties corresponding to the familiar T and Q operators.