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Christopher Dodd* (cdodd@math.utoronto.ca), Department of Mathematics, University of Toronto, 40 St. George St., Room 6290, Toronto, Ontario M5S 2E4, Canada. *Modules over Algebraic Quantizations and representation theory*. Preliminary report.

Recently, there has been a great deal of interest in the theory of modules over algebraic quantizations of so-called symplectic resolutions. In this talk I'll discuss some new work -joint, and very much in progress- that opens the door to giving a geometric description to certain categories of such modules; generalizing classical theorems of Kashiwara and Bernstein in the case of D-modules on an algebraic variety. (Received February 20, 2013)